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Multi-Frequency Study of the B3-VLA Sample[★]

II. The Database

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Abstract. We present total flux densities of 1049 radio sources in the frequency range from 151 MHz to 10.6 GHz. These sources belong to the B3-VLA sample, which is complete down to 100 mJy at 408 MHz. The data constitute a homogeneous spectral database for a large sample of radio sources, 50 times fainter than the 3C catalogue, and will be used to perform a spectral ageing analysis, which is one of the critical points in understanding the physics and evolution of extragalactic radio sources.

1. Introduction

Homogeneous databases over a wide frequency range for a large sample of radio sources with intermediate or low flux densities are an important ingredient to modern astrophysics. We have therefore embarked on a project to obtain flux densities for the B3-VLA sample (Vigotti et al. 1989) over a frequency range as wide as possible. The aim is to study the spectral properties of a complete sample of radio sources.

The B3-VLA sample is composed of sources that are roughly equally distributed in five flux density intervals, i.e. 50 times fainter than the 3C survey (Bennett 1962). The sample now contains 1049 radio sources, instead of 1050 listed in the previous papers dealing with the B3-VLA sample: the source 2302+396 which was already indicated as a possible spurious source close to a grating ring in the B3 catalogue (Ficarra et al. 1985) was deleted from the list since it was recognized as a CLEAN artifact. In fact it could not be found neither in the WENSS nor in the NVSS catalogue.

This paper is the second of a series describing the multifrequency properties of the B3-VLA sample. In the first paper we presented the radio continuum data at 10.6 GHz obtained with the Effelsberg radio telescope (Gregorini et al. 1998, hereafter Paper I). We detected 99% of the radio

sources, with a typical flux density error of about 1 mJy for the fainter ones.

Here we present the spectral database of the whole sample consisting of flux densities at 151 MHz, 327 MHz, 408 MHz, 1.4 GHz, 4.85 GHz, and 10.6 GHz. Additional observations were performed for 478 sources at 4.85 GHz, which were necessary to complete the information at this frequency and to measure also at 4.85 GHz the polarization detected at 10.6 GHz.

Sect. 2 describes the observations and data reduction at 4.85 GHz. In Sect. 3 we present the database, with an accurate description of the method used to obtain the flux densities and the errors at each frequency. In Sect. 4 the data table is presented with a discussion of the data quality.

2. Observations at 4.85 GHz

The observations reported here have been carried out between July 1994 and March 1999. Until August 1995 the old $\lambda 6$ -cm correlation receiver system was employed. This system had two feeds in the secondary focus of the 100-m telescope. The right-hand circular polarization outputs from each feed (obtained after the polarizers in the waveguides) were correlated via a 3-dB hybrid to yield a differential total-power signal of the two feeds. This double-beam ensured minimal atmospheric disturbance to the signal. Amplification in the first stage was achieved with cooled FET's. The main horn was connected to an IF-polarimeter to deliver the Stokes U and Q parameters for full linear polarization information. The system operated at a centre frequency of 4.75 GHz, with a bandwidth of 500 MHz. The receiver system temperature was ~ 70 K on the sky (zenith, clear sky).

In August 1995 this receivers were replaced by two stable total-power systems, with HEMT amplifiers in the first stage. Here the differential signal is retrieved by subtracting the calibrated signals in the computer. Each of the two total-power receivers is connected to an IF-polarimeter. This system operates at 4.85 GHz, the bandwidth is 500 MHz. The receiver system temperature has

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[★] Table 2 is also available in electronic form at the CDS via anonymous ftp to [cdsarc.u-strasbg.fr](ftp://cdsarc.u-strasbg.fr) (130.79.128.5) or via <http://cdsweb.u-strasbg.fr/Abstract.html>

Table 1. Measured flux densities of B3-VLA sources

Frequency	Reference	%
151 MHz	Hales et al. 1988	89
327 MHz	Rengelink et al. 1997	100
408 MHz	Ficarra et al. 1985	100
1.4 GHz	Condon et al. 1998	100
4.85 GHz	present paper	100
	Kulkarni et al. 1990	60
	Gregory et al. 1996	83
10.6 GHz	Gregorini et al. 1998	99

been greatly improved to 30 K on the sky (zenith, clear sky).

The half-power beam width was 147'' for the old and 143'' for the new receiver system and the beam throw was 8'2 in both cases. The sources were observed by cross-scanning the telescope in right ascension and declination, with a scan length of 15'. The scanning speed was 30'/min., and the total number of scans was adjusted to the expected flux density of each source. Sources with angular extents significantly exceeding the beam size or exhibiting significant confusion in the cross-scans were mapped in the double-beam mode and subsequently restored to the equivalent single-beam images using the restoration algorithm of Emerson et al. (1979). The scan separation was 1', and the map sizes adjusted such as to account for the source size and the beam separation. The total number of sources mapped this way is 6.

Telescope pointing, focussing and polarimeter adjustments were regularly checked by cross-scanning the point sources NGC 7027, 3C 48, 3C 84, 3C 138, 3C 147, 3C 196, 3C 286 and 3C 295. The latter two sources served also as flux density calibrators.

3. Database

In Tab. 1 we present the information available for the B3-VLA sample. Cols. 1 and 2 list the frequency and reference to the relevant paper, Col. 3 gives the percentage of sources for which the data is available.

3.1. 151 MHz Data

These flux densities were obtained by cross-correlating the 6C survey (Hales et al. 1988) with the B3-VLA sample. The search radius used was 100'', which corresponds to a combined 3- σ error for the fainter sources. We do not expect any chance coincidences, owing to the low source density at 151 MHz (4.1 sources per square degree). The values quoted in Tab. 2 are the peak flux densities for sources with an angular extent < 100'' (extents taken from Vigotti et al. 1989), and the integrated ones (listed in the 6C, Hales et al. 1988) for larger sources. The error in the same table is computed as a constant term of 40 mJy,

plus a 5% contribution due to the uncertainty of the flux density scale.

Since these data are on the flux scale of Roger et al. (1973, RBC), we used the spectral indices reported by these authors to calculate the flux density of their calibrator sources at 178 MHz. In this way we could compare the scale of Roger et al. (1973) with the one of Kellermann et al. (1969, KPW). The ratio between these two flux density scales is KPW/RBC = 0.96. Baars et al. (1977, BGPW) report a ratio of BGPW/KPW = 1.051. Thus, the ratio BGPW/RBC turns out to be 1.008; therefore no correction was applied at 151 MHz.

3.2. 327 MHz Data

For sources with an angular extent < 50'' we cross-correlated the B3-VLA positions with the WENSS source list (Rengelink et al. 1997) using a window of 11'' in right ascension and 22'' in declination. For the more extended ones we used a window of 40'' in right ascension and 80'' in declination. The total area searched was 0.03 square degrees. The WENSS source density is about 21.3 per square degree so that the contamination by chance coincidences is negligible. For the flux density errors we used the formula given by Rengelink et al. (1997), with a noise contribution of 4.5 mJy (which is the average value in the B3-VLA area), plus 4% due to the calibration uncertainty Δ_{cal} .

Sources with a complex structure (as marked in the WENSS catalogue; Rengelink et al. 1997) were inspected directly on the WENSS maps, and their flux densities computed with the AIPS task TVSTAT. For these sources the errors ΔS were computed as follows:

$$\Delta S = \sqrt{(\Delta_{\text{cal}} \cdot S)^2 + \sigma_1^2 \cdot \frac{A_s}{A_b}}$$

Here σ_1 is the local noise in the map, A_s the area covered by the radio source, and A_b is the beam area. The flux densities in the WENSS survey are on the scale of Baars et al. (1977).

3.3. 408 MHz Data

The flux densities were taken from the B3 survey, except for extended sources for which an integrated flux density was used (Vigotti et al. 1989). For the computation of the errors we used 35 mJy as the constant term and 3% for the term proportional to the source flux density (Ficarra et al. 1985). The flux density scale of these data is based on 3C123, and agrees with the scale of Baars et al. (1977) to within 2%. Therefore, no correction was applied.

3.4. 1.4 GHz Data

The flux densities were computed from the maps of the NRAO VLA SKY Survey (NVSS, Condon et al. 1998),

centred on the B3-VLA positions using an automatic two-component Gaussian fit algorithm similar to the AIPS task JMFIT. For the unresolved sources the difference between our flux density and that listed in the NVSS catalogue is negligible ($< 2\%$). The errors were calculated with the formula of Condon et al. (1998), where the noise and confusion term is 0.45 mJy/beam and the calibration uncertainty is 3%.

For the extended and complex sources the flux densities were computed using the AIPS task TVSTAT. Their errors were computed as above (Sect. 3.2). The flux densities are on the scale of Baars et al. (1977).

3.5. 4.85 GHz Data

All sources not available in the literature (Kulkarni et al. 1990, Gregory et al. 1996) have been observed as described in Sect. 2. The flux densities of Kulkarni et al. 1990, and those observed by us before August 1995 were shifted from 4.75 GHz to 4.85 GHz using the spectral index of the radio source. For the flux densities presented in this paper we adopted 1.0 mJy as the noise contribution, and 2% as the contribution proportional to the flux density. Another 0.45 mJy is added to account for source confusion (Reich 1993). For the data of Kulkarni et al. (1990) the errors are 2 mJy and 2%, respectively. The errors of the flux densities taken from Gregory et al. (1996) are listed in the GB6 catalogue. In 2 cases, 1412+397 and 2341+396B, the sources could not be separated from a closely confusing source. We used the flux densities from our measurements (45.8%). In cases where those were not available the flux densities reported by Kulkarni et al. (1990; 42.4%) or Gregory et al. (1996; 11.8%) were taken.

The GB6 maps of the sources with extension larger than $70''$ were downloaded using *SkyView*. In addition, the most extended ones (0136+396, 0157+405A, 0248+467, 0703+426A, 1141+374, and 1309+412A) were mapped in Effelsberg. In all cases the flux densities were determined with AIPS task TVSTAT and the errors were calculated as described above (Sect. 3.2). The flux densities are on the scale of Baars et al. (1977).

3.6. 10.6 GHz Data

In Tab. 2 we list the integrated flux densities as well as the errors computed using the formula presented in Paper I. Here, the noise term is 0.8 mJy, confusion contributes 0.08 mJy, and the term proportional to the flux is 2%. The flux densities are on the scale of Baars et al. (1977).

4. Discussion

Table 2 presents the whole database. Col. 1 lists the B3-VLA name, Cols. 2 and 3 the radio centroid (equinox J2000.0) from Vigotti et al. (1989; computed as the geometric mean of the source components). The following

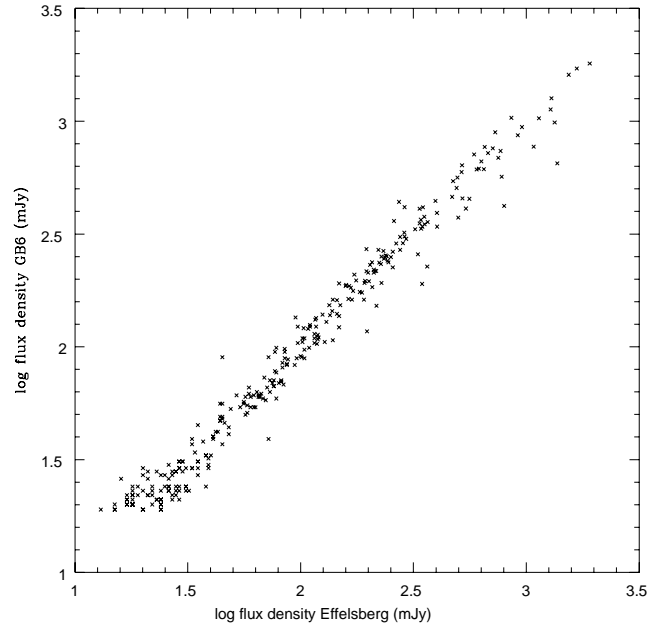


Fig. 1. Flux densities of the GB6 survey versus our measurement

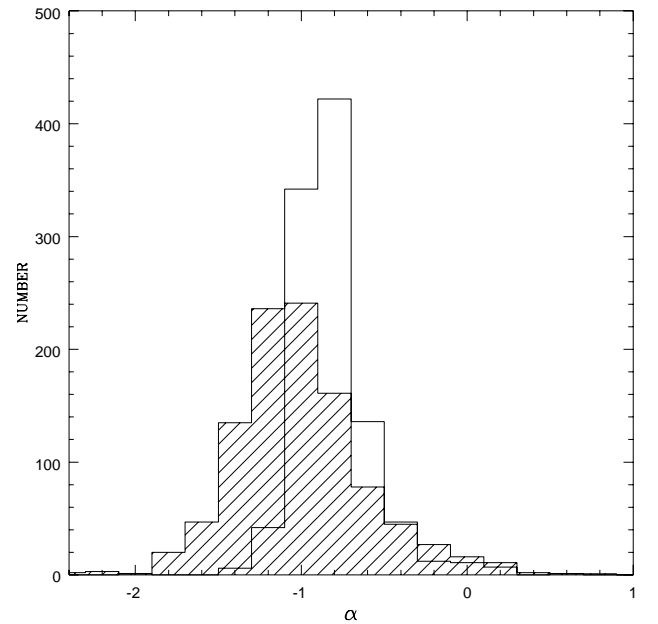


Fig. 2. Histogram of low (α_l)- and high-frequency (α_h) spectral indices. The blank area corresponds to α_l , the hashed one to α_h .

12 columns list the flux densities and errors at 151 MHz, 327 MHz, 408 MHz, 1.4 GHz, 4.85 GHz and 10.6 GHz, respectively (all in mJy). The last column contains the sources' optical identifications, abbreviated as follows: g: radio galaxy identified on the POSS-I, most of which are $z \leq 0.5$; G: far radio galaxy with measured redshift

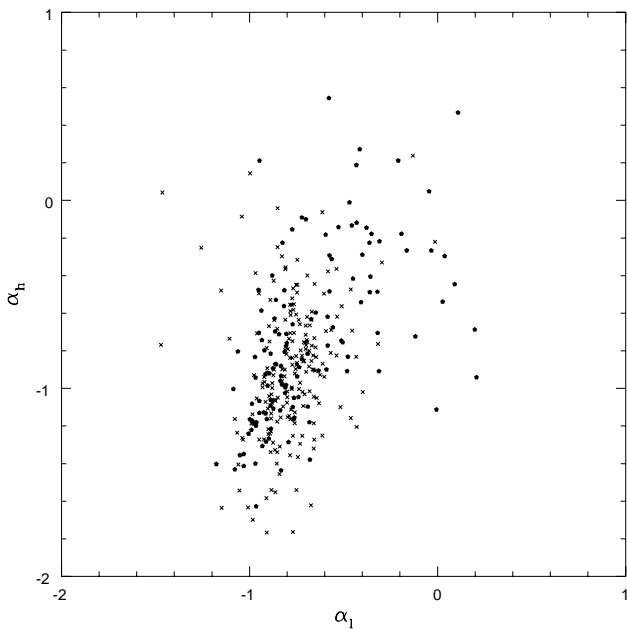


Fig. 3. Colour-colour diagram of B3VLA sources. Galaxies are symbolized by crosses, quasars by dots

($0.5 \leq z \leq 3.5$); Q: spectroscopically confirmed quasar; b: blue objects (i.e. non-confirmed quasars); BL: BL Lac; F: featureless spectrum; a blank means ‘empty field’, i.e. it lacks any optical counterpart down to the POSS-I limit (more than 90% are distant radio galaxies, the remaining ones being quasars with magnitudes fainter than the POSS-I).

For 19 sources the 408 MHz data are not reported. In 15 cases the flux density is affected by a nearby strong source. In four cases the B3-VLA sources were not resolved by the 408 MHz beam.

In order to complete the spectral database we observed 164 sources at 4.85 GHz whose flux densities were not available in the catalogues listed in Tab. 1; 314 sources with detected polarization at 10.6 GHz were re-observed at 4.85 GHz for future polarization studies. An analysis of the polarization data will be published in a forthcoming paper. In Fig. 1 we show the plot of our measurements versus the GB6 flux densities. Intrinsic source variability is likely to increase the scatter of the plot.

For each source we computed two spectral indices: a low-frequency index α_l (0.3 – 1.4 GHz) and a high-frequency one, α_h (4.8 – 10.6 GHz). Fig. 2 shows the histograms of α_l and α_h (shaded) of 1034 sources, for which four flux densities are available. The resulting median values for the two distributions are $\langle \alpha_l \rangle = -0.853$ and $\langle \alpha_h \rangle = -1.053$ ($S \propto \nu^\alpha$).

In Fig. 3 we show a radio colour-colour diagram illustrating the different population areas of radio galaxies and quasars. As already evident in Fig. 2, α_h covers a wider range of values (dispersion 0.40) than α_l (dispersion 0.23).

This is to be expected if spectral steepening due to synchrotron and inverse Compton energy losses is important: it changes α_h first, before the sources have aged sufficiently such as to affect α_l as well. The corresponding evolutionary track in the $\alpha_l - \alpha_h$ diagramme is that populated by the radio galaxies in Fig. 3: if these sources commence their lives with flat (injection) spectra, they should gradually move downward at a faster rate than leftward. Also evident in Fig. 3 is that radio galaxies (crosses) have on average steeper high-frequency spectra than quasars; in particular, the radio galaxies dominate the lowest part of the diagramme.

Some sources (essentially quasars) exhibit extreme values, especially those with flat α_l and/or flat α_h (populating the upper and right-hand portion of the plot). These may possess self-absorbed components that become visible in different frequency regimes, depending on their optical thickness. A thorough analysis and interpretation of our results will be presented in a forthcoming paper.

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Table 2. B3 VLA flux densities

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	cS ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0000+394	00 02 42.4	39 46 34	360	44	270	12	190	31	93	5	36	7	18	1	
0000+399	00 03 32.0	40 13 26			140	7	150	30	53	2	17	1	13	1	
0001+395	00 04 15.9	39 49 52	530	48	200	9	130	30	33	1	6	1	2	1	
0001+398	00 04 19.5	40 06 09	390	45	220	10	220	31	76	2	30	4	11	1	
0003+380	00 05 57.1	38 20 15	790	56	580	24	490	33	568	17	778	16	655	13	g
0003+387	00 06 20.8	39 00 27	2910	151	1750	70	1360	51	488	15	107	2	30	1	G
0004+380A	00 06 36.4	38 19 07	1450	83	980	39	790	38	284	9	83	2	27	1	
0005+383B	00 08 22.8	38 37 12	970	63	610	25	530	34	315	9	159	3	92	2	
0006+397	00 09 04.2	40 01 46	1900	103	1290	52	1150	46	559	17	370	7	253	5	Q
0008+392	00 10 37.4	39 34 15	500	47	300	13	200	31	75	2	26	1	15	1	
0010+392	00 12 43.6	39 32 56	1090	68	610	25	440	33	151	5	42	1	19	1	
0010+395	00 13 12.5	39 48 07			110	21	140	30	25	1	6	1	3	1	
0010+402	00 12 53.1	40 32 48	2040	110	1170	47	1000	42	365	11	115	3	50	1	
0010+405	00 13 31.0	40 51 37	6890	347	4030	161	3260	102	1653	50	860	17	818	16	g
0013+387	00 16 00.0	39 00 27	1690	93	940	38	740	37	268	8	82	2	42	1	Q
0013+393	00 15 48.4	39 37 07	720	54	410	17	270	31	106	3	31	1	16	1	
0014+395	00 16 53.9	39 48 03	500	47	260	11	210	31	92	4	23	1	9	1	
0015+399	00 17 41.5	40 16 29	280	42	140	7	140	30	63	2	35	1	32	1	
0017+395	00 19 48.2	39 51 54	390	45	200	9	150	30	60	2	24	4	9	1	
0017+432	00 20 08.3	43 30 10	2260	120	1100	44	800	38	256	8	63	6	27	1	
0018+393	00 21 22.7	39 38 33	430	45	280	12	200	31	88	3	20	1	18	1	
0019+391	00 21 59.7	39 25 46	790	56	400	17	290	31	87	3	18	1	6	1	
0019+431	00 21 48.0	43 28 25	5370	271	2880	115	2220	73	675	20	186	4	75	2	Q
0020+437	00 23 31.3	44 03 03	3180	164	1700	68	1220	47	391	12	106	2	44	1	F
0021+383	00 24 13.2	38 35 10	1210	73	730	30	590	35	208	6	65	2	29	1	
0021+395	00 24 18.0	39 49 06	450	46	200	9	160	30	63	2	16	1	10	1	
0022+390	00 25 26.2	39 19 36	1400	81	1230	49	1100	45	727	22	588	12	493	10	Q
0022+394	00 25 03.9	39 45 55	280	42	150	8	150	30	49	2	18	1	13	1	
0022+399	00 24 42.9	40 16 12			120	7	200	31	119	4	52	6	22	1	Q
0022+424	00 25 35.2	42 43 51	960	62	970	39	800	38	381	11	136	12	60	2	
0023+382	00 26 09.5	38 31 31	1220	73	770	31	650	36	273	8	94	2	48	1	
0025+394	00 28 33.8	39 44 41	350	44	140	7	120	30	39	1	12	1	6	1	g
0026+397	00 29 31.3	40 03 14	390	45	160	8	160	30	32	1	8	1	4	1	
0027+380	00 30 22.5	38 17 22	1560	88	760	31	580	35	186	6	47	1	22	1	Q
0027+395	00 29 44.0	39 48 38	920	61	560	23	410	32	192	6	76	2	38	1	Q
0028+390	00 31 37.8	39 19 04	810	57	550	22	470	33	160	5	50	1	27	1	
0028+394	00 31 11.3	39 41 57	960	62	600	24	450	33	172	5	59	2	23	1	
0028+409	00 30 48.8	41 10 54	3290	169	1560	63	1260	48	270	8	53	2	17	1	G
0028+450	00 30 50.8	45 21 48	4240	216	2150	86	1620	57	461	14	114	3	38	1	g
0029+394	00 32 35.3	39 42 15	2240	119	1320	57	970	42	388	12	114	3	44	1	
0029+398	00 32 16.2	40 07 11	410	45	340	14	290	31	143	4	62	6	57	2	
0030+390	00 32 54.8	39 20 16	480	47	250	11	200	31	47	1	12	1	6	1	
0031+391	00 34 14.7	39 24 14	14340	718	8180	327	6410	195	1881	56	419	8	139	3	G
0031+393	00 34 11.6	39 36 14			250	11	260	31	86	4	28	5	20	1	
0032+390	00 35 11.0	39 19 06	780	56	420	17	350	32	95	3	20	1	9	1	
0032+394	00 35 25.7	39 40 46	820	57	470	19	350	32	149	5	52	2	20	1	
0032+423	00 35 05.9	42 38 18	1910	104	1140	46	920	41	353	11	110	2	60	2	Q
0033+397	00 36 01.5	40 01 48	790	56	380	16	290	31	88	3	18	1	6	1	
0033+425	00 36 38.5	42 52 24	2810	146	1520	61	1140	45	319	10	71	2	21	1	
0034+387	00 37 19.3	38 59 16	1230	73	640	26	540	34	168	5	51	1	22	1	
0034+393	00 37 36.6	39 38 12			210	10	200	31	280	8	97	2	57	2	Q
0034+444	00 36 53.5	44 43 21	5370	271	2800	112	2250	74	679	20	192	4	69	2	G
0035+385A	00 37 46.9	38 47 54	5410	273	3160	126	2550	82	827	25	258	28	127	3	F
0036+398	00 39 32.9	40 08 35	300	43	150	8	130	30	54	2	15	1	10	1	
0037+394	00 40 19.4	39 44 51			90	6	120	30	55	2	20	1	12	1	
0037+396	00 40 17.2	39 55 05	350	44	170	8	140	30	66	2	18	1	<5	1	
0038+399	00 41 24.7	40 12 31	540	48	220	10	220	31	86	3	28	4	15	1	
0039+373	00 42 07.1	37 39 36	1650	92	2260	91	2000	67	943	28	258	5	89	2	g
0039+391	00 41 55.0	39 25 20	2210	118	1280	51	1020	43	317	10	76	2	24	1	G
0039+398	00 42 17.4	40 09 49	3000	155	2190	88	1980	67	753	23	221	5	86	2	
0039+412	00 42 18.7	41 29 27	1840	100	1190	48	910	41	377	11	117	3	61	2	
0040+470	00 43 24.2	47 16 37	4530	230	2410	97	1830	63	542	16	130	3	41	1	G
0041+382A	00 43 49.4	38 30 10	1440	82	830	34	660	36	224	7	56	2	18	1	
0041+393	00 43 58.4	39 37 56	730	54	430	18	330	32	148	4	56	2	25	1	
0041+405	00 43 54.3	40 46 35	790	56	520	21	420	33	168	5	67	2	37	1	
0041+425	00 44 39.2	42 48 01	2550	134	1580	63	1260	48	467	14	125	3	56	1	
0042+381A	00 45 08.5	38 23 17			670	27	650	36	306	9	192	4	71	2	
0042+381B	00 45 17.5	38 25 16			850	34	580	35	234	7	45	1	40	1	
0042+386	00 44 45.3	38 57 00	1150	70	690	28	570	35	183	6	44	1	17	1	
0043+398	00 45 55.7	40 06 42			80	6	100	30	29	1	10	1	5	1	g
0045+393	00 48 02.0	39 37 26			200	9	220	31	215	6	104	2	77	2	
0045+395	00 47 55.3	39 48 58	380	44	170	8	180	30	91	3	54	6	49	1	BL
0045+396	00 48 45.2	39 53 41	700	53	410	17	310	31	136	4	46	1	22	1	g
0045+400	00 48 12.8	40 21 53	3670	188	2120	85	1730	60	642	19	158	3	67	2	g
0045+404	00 48 44.1	40 45 04	1320	77	670	27	560	34	223	7	76	2	28	1	
0046+439	00 48 50.7	44 13 43	2550	134	1340	54	960	42	276	8	57	2	24	1	G
0049+379	00 52 16.8	38 15 28	4520	230	3010	120	2550	82	797	24	158	3	56	2	
0049+395	00 52 13.6	39 51 24			40	5			26	4	5	1	5	1	
0050+401	00 53 31.9	40 31 06	4000	204	1450	58	1220	47	475	15	164	19	117	3	g
0051+397	00 54 00.1	39 58 60			160	8	150	30	58	2	18	1	8	1	
0051+404	00 54 27.4	40 42 11	5220	264	3100	124	2440	79	871	26	243	5	111	2	
0052+380	00 54 56.0	38 21 50	2760	144	1590	64	1250	48	396	12	100	2	32	1	
0052+392	00 55 40.5	39 33 36	1060	66	560	23	410	32	145	4	38	1	16	1	
0052+395	00 55 40.6	39 48 16			430	18	280	31	146	4	41	1	24	1	
0053+394	00 55 49.3	39 45 01			780	32	600	35	255	8	70	2	26	1	g
0053+439	00 56 46.4	44 13 24	3840	196	1940	78	1350	50	436	13	116	3	55	1	
0054+396	00 57 29.4	39 57 17	590	50	360	15	280	31	98	3	26	1	14	1	
0056+389	00 59 38.6	39 10 22	610	50	330	14	22								

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0109+415	01 12 08.3	41 46 60	2350	124	1390	56	1140	45	541	16	197	4	107	2	g
0109+416B	01 12 15.4	41 55 13	4170	212	2620	105	1960	66	856	26	247	27	60	2	g
0110+386	01 12 57.4	38 53 17	1200	72	580	24	490	33	174	5	56	2	22	1	
0110+395	01 13 37.6	39 50 33	860	59	390	16	300	31	109	3	48	5	39	1	
0110+398	01 13 28.7	40 10 28	300	43	190	9	130	30	46	1	14	1	6	1	
0110+401	01 13 17.7	40 26 12	1820	99	1290	52	1080	44	551	17	233	5	144	3	
0112+400	01 15 15.1	40 20 11	1220	73	660	27	540	34	164	5	46	1	18	1	
0112+432	01 14 57.2	43 32 16	2490	131	1400	56	1090	44	376	11	110	2	42	1	
0113+400	01 16 24.6	40 17 25	3870	198	2210	89	1850	63	684	21	199	4	93	2	
0114+399	01 17 27.8	40 12 50	990	64	470	19	440	33	126	4	38	1	15	1	
0115+394	01 17 55.4	39 44 33	960	62	420	17	290	31	78	2	18	1	7	1	
0115+453A	01 17 59.5	45 36 22	11400	571	5740	230	4270	132	1268	38	346	7	144	3	G
0115+469	01 18 22.7	47 12 21	4320	220	2240	90	1770	61	573	17	151	18	64	2	
0116+397	01 19 17.5	39 58 51	480	47	230	10	210	31	68	2	17	1	7	1	
0116+438	01 19 22.8	44 07 39	2380	126	1420	57	1050	44	426	13	150	3	71	2	g
0119+395	01 22 27.5	39 48 26	540	48	300	13	210	31	64	3	18	1	8	1	
0119+397	01 22 34.0	40 01 06	960	62	540	22	480	33	178	5	65	2	30	1	
0120+380	01 22 52.0	38 18 20	1720	95	710	29	540	34	140	4	33	1	10	1	
0120+405	01 23 26.0	40 46 59	3520	180	2020	81	1680	59	614	18	157	3	65	2	G
0121+389	01 24 08.8	39 13 26	950	62	560	23	450	33	170	5	52	2	20	1	
0122+395	01 25 28.3	39 45 52	390	45	180	9	160	30	71	2	21	4	9	1	
0123+385	01 26 10.8	38 50 46	1100	68	560	23	490	33	155	5	46	1	16	1	G
0123+396	01 26 25.8	39 54 13	590	50	380	16	330	32	174	5	77	2	40	1	g
0123+402	01 25 59.1	40 28 36	1830	100	970	39	810	39	258	8	67	2	25	1	
0124+387	01 27 44.4	39 00 11	840	58	530	22	430	33	157	5	48	1	16	1	
0126+392A	01 29 28.1	39 29 56	920	61	400	17	320	31	92	3	17	1	7	1	
0127+395	01 30 42.4	39 50 15			130	7	100	30	48	2	14	1	6	1	
0127+399	01 30 49.4	40 10 08	1040	66	450	19	340	32	96	3	28	1	9	1	
0128+394	01 31 29.6	39 42 58	1940	105	1140	46	920	41	326	10	84	2	25	1	
0130+381	01 33 43.0	38 22 60	2000	108	1260	51	1070	44	430	13	173	4	105	2	
0130+384	01 32 59.8	38 41 02	1270	75	660	27	530	34	185	6	66	2	33	1	Q
0130+398	01 33 12.9	40 03 22	520	48	310	13	280	31	119	4	47	5	25	1	
0131+390	01 34 45.1	39 19 53	1070	67	590	24	470	33	187	6	48	1	27	1	g
0132+376A	01 35 29.5	37 54 13	10300	517	5390	216	4320	133	1335	40	357	37	197	4	
0132+392	01 35 34.5	39 28 13	840	58	490	20	350	32	138	4	47	1	21	1	
0133+381	01 36 38.5	38 26 02	1330	78	560	23	470	33	142	4	45	1	21	1	
0134+386	01 37 49.6	38 51 28	2300	122	1420	57	1170	46	460	14	170	4	78	2	g
0134+389	01 37 15.9	39 11 36	610	50	360	15	310	31	112	3	50	6	17	1	
0136+396	01 39 30.9	39 57 08	10800	541	4960	198	3890	120	797	24	277	13	115	3	g
0137+385	01 40 46.7	38 48 48	1000	64	510	21	420	33	125	4	37	1	20	1	
0137+401	01 40 33.8	40 24 14	1790	98	970	39	820	39	289	9	99	2	50	1	Q
0138+394	01 41 28.6	39 40 38	990	64	500	21	430	33	118	4	50	1	14	1	
0139+389A	01 42 09.8	39 12 40	710	53	510	21	430	33	216	7	85	2	42	1	Q
0140+387	01 43 33.0	39 02 10	4860	246	2480	99	1810	62	430	13	69	2	18	1	
0141+398	01 44 31.9	40 03 13	770	56	360	15	290	31	91	3	24	1	11	1	
0143+393	01 46 00.4	39 33 15	950	62	440	18	380	32	92	3	22	1	7	1	
0143+446B	01 46 48.6	44 55 23	4120	210	2240	90	1710	59	587	18	206	23	36	1	Q
0144+391	01 47 22.6	39 24 49	380	44	310	13	250	31	97	3	33	5	13	1	
0144+399	01 47 16.7	40 13 49	590	50	270	12	210	31	88	3	22	4	9	1	
0144+430	01 47 57.7	43 19 43	2210	118	1170	47	920	41	287	9	83	2	32	1	Q
0144+432	01 47 55.7	43 32 15	1580	89	1020	41	820	39	336	10	115	3	51	1	Q
0146+394	01 49 45.9	39 39 12			380	24	300	31	112	5	28	5	15	1	
0147+397	01 50 15.4	39 59 37	520	48	280	12	260	31	101	3	39	5	22	1	g
0147+398	01 50 36.3	40 07 14			100	6	120	30	46	1	11	1	11	1	g
0147+400	01 50 19.6	40 17 29	1880	102	1560	63	1540	55	723	22	277	6	163	3	
0149+398	01 52 08.4	40 04 34	970	63	650	26	590	35	270	8	117	3	79	2	g
0150+406	01 53 17.8	40 55 53	2770	144	960	39	830	39	247	7	59	2	27	1	
0152+382	01 55 10.5	38 31 19	1450	83	810	33	640	36	200	6	78	2	59	2	
0152+435	01 56 21.2	42 02 28	11800	591	6570	263	5270	161	1813	54	495	10	252	5	G
0153+417	01 56 30.5	42 02 28	4790	243	2670	107	2140	71	753	23	203	4	100	2	G
0157+393A	02 00 09.6	39 33 55	830	58	520	21	320	31	111	3	29	1	13	1	g
0157+393B	02 00 51.1	39 34 48	2300	122	1820	83	1120	45	615	18	232	46	164	3	G
0157+405A	02 00 30.1	40 48 53	7070	356	4360	184	4390	135	220	10	418	10	95	2	g
0157+442	02 00 38.9	44 27 16	6340	320	3900	156	3260	102	1273	38	348	7	147	3	Q
0158+391	02 01 51.2	39 24 24	450	46	280	12	260	31	94	3	35	1	18	1	
0158+394	02 02 01.7	39 43 21			110	6	120	30	103	3	139	3	144	3	Q
0159+390	02 02 52.8	39 16 40	470	46	260	11	240	31	98	4	33	1	20	1	g
0159+397	02 02 20.0	39 59 38	450	46	290	12	230	31	92	3	26	1	10	1	
0200+393	02 03 50.3	39 32 42	1170	71	740	30	590	35	283	9	104	2	50	1	
0201+390	02 04 44.7	39 19 25	550	49	340	14	270	31	122	4	39	5	15	1	
0201+396	02 04 38.2	39 55 19	780	56	330	14	280	31	60	2	13	1	4	1	
0201+402	02 04 39.1	40 29 42	880	59	550	22	470	33	170	5	55	2	23	1	
0202+380	02 05 53.2	38 15 43	1170	71	630	26	440	33	194	7	69	14	42	1	g
0205+395	02 08 07.3	39 45 00	850	58	570	23	470	33	184	6	69	2	34	1	
0205+398	02 08 56.2	40 07 01	310	43	110	6	100	30	31	1	11	1	3	1	
0207+389	02 10 09.5	39 11 23	430	45	310	13	220	31	107	3	41	5	19	1	g
0207+395	02 10 10.6	39 50 00	630	51	420	17	360	32	138	4	48	1	19	1	Q
0207+397	02 10 56.1	40 01 39	730	54	450	19	390	32	140	4	57	2	30	1	g
0207+399	02 10 16.3	40 13 34			110	6	100	30	49	2	20	1	13	1	
0209+386	02 12 43.8	38 50 52	1310	77	820	33	640	36	219	7	65	2	23	1	
0209+390	02 12 50.5	39 17 19	540	48	290	12	230	31	64	2	14	1	6	1	
0209+394	02 12 37.5	39 42 18			160	8	130	30	76	2	76	7	42	1	Q
0210+396	02 13 34.2	39 54 07	330	43	200	9	160	30	50	2	13	1	8	1	
0211+393	02 14 06.2	39 33 00	1700	94	880	35	520	34	238	8	73	2	28	1	g
0213+392	02 16 13.2	39 30 54	880	59	400	17	310	31	105	3	30	1	14	1	G
0213+398	02 16 23.0	40 05 33	470	46	240	11	210	31	66	2	18	1	10	1	G
0213+407	02 16 52.1	41 00 54	990	64	650	26	510	34	180	5	41	1	18		

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0220+427A	02 23 16.5	42 59 39	20950	1048	21410	856	14830	446	6214	186	3060	306	1806	36	g
0221+383	02 24 16.9	38 32 08	1080	67	570	23	430	33	153	5	55	11	29	1	
0221+393	02 24 43.2	39 32 47	640	51	270	12	210	31	53	4	7	2	8	1	
0221+396	02 24 50.7	39 55 16			180	9	220	31	58	2	32	4	33	1	
0222+403	02 25 44.8	40 31 35	4050	206	2490	100	2190	72	941	28	351	36	182	4	g
0222+422A	02 25 32.2	42 29 41	2000	108	1130	45	810	39	262	8	66	2	23	1	
0224+393	02 27 07.2	39 31 42	1290	76	840	34	890	40	433	13	206	4	186	4	Q
0224+396	02 27 58.8	39 49 52			200	9	180	30	70	3	31	1	12	1	
0225+381	02 28 30.2	38 21 13	960	62	590	24	470	33	219	7	67	2	30	1	g
0225+389	02 29 00.1	39 09 03	360	44	240	11	220	31	101	5	45	11	35	1	g
0225+427	02 28 55.1	43 00 53	1490	85	1030	41	860	40	305	9	95	2	43	1	G
0226+394	02 29 47.7	39 42 48	880	59	470	19	400	32	153	5	62	2	31	1	g
0226+396	02 29 56.9	39 53 06	630	51	280	12	210	31	41	1	6	1	2	1	
0226+467	02 29 21.6	47 00 19	4990	253	3240	130	2450	79	893	27	279	6	108	2	Q
0227+397	02 30 30.2	39 58 45	460	46	300	13	230	31	87	3	34	5	8	1	
0227+398	02 31 07.4	40 03 31	1120	69	840	34	680	36	241	7	72	2	30	1	
0228+392	02 31 07.8	39 27 21	1090	68	570	23	380	32	132	4	36	1	12	1	
0228+393	02 31 49.1	39 33 01	6270	316	3510	140	2620	84	777	23	212	4	86	2	G
0228+409A	02 31 38.8	41 09 54	1740	96	1160	47	900	40	355	11	111	2	47	1	
0231+385	02 34 28.4	38 44 54	830	58	600	24	470	33	221	7	138	3	84	2	
0231+391	02 34 52.7	39 23 42	720	54	340	14	250	31	83	4	22	1	8	1	
0231+405A	02 35 00.2	40 43 58	1310	77	940	38	430	33	223	7	64	2	31	1	
0232+411B	02 35 56.5	41 23 16	6510	328	3950	158	2750	88	971	29	353	37	157	3	Q
0233+390	02 36 50.8	39 13 03	660	52	420	17	340	32	121	4	35	1	13	1	
0236+399	02 40 09.9	40 12 36	640	51	320	14	250	31	44	1	21	1	4	1	
0236+438	02 40 07.5	44 01 30	3210	165	1660	67	1050	44	314	9	64	2	24	1	
0237+389	02 40 50.7	39 11 33	530	48	280	12	240	31	82	3	22	1	10	1	
0237+396	02 40 55.4	39 50 37	280	42	120	7	120	30	43	1	18	1	8	1	
0237+435	02 40 28.7	43 47 57	2700	141	1540	62	1250	48	445	13	149	3	64	2	G
0239+395	02 42 57.4	39 44 09	1380	80	1060	47	640	36	234	7	72	2	27	1	g
0239+397	02 42 54.4	39 55 46	670	52	450	19	370	32	142	4	50	1	18	1	Q
0240+404	02 43 37.7	40 41 40	990	64	640	26	400	32	205	6	59	12	33	1	g
0241+393B	02 44 31.3	39 33 59	7060	355	4860	198	3230	101	1220	37	425	44	221	5	g
0241+395	02 44 39.1	39 43 42	620	51	360	15	280	31	111	3	34	1	10	1	
0242+395	02 45 28.5	39 46 43	600	50	320	14	260	31	87	3	28	1	12	1	
0243+439	02 46 18.8	44 11 44	1810	99	1320	53	1010	43	480	14	159	3	80	2	
0244+377	02 47 31.9	37 54 52	2980	154	2010	81	1730	60	738	22	244	5	100	2	
0246+392	02 49 33.0	39 29 16	1130	69	630	26	460	33	217	7	83	2	36	1	
0246+393	02 50 15.6	39 34 35	12370	620	7420	297	6170	188	2041	61	585	59	381	8	g
0246+396	02 49 59.0	39 51 42	480	47	280	12	250	31	95	3	70	7	46	1	
0246+428A	02 49 30.9	43 05 31	10190	511	5940	238	4970	152	1720	52	565	57	190	4	g
0247+395	02 50 20.9	39 42 50			230	10	120	30	46	1	6	1	5	1	
0247+404	02 51 10.6	40 42 13	1740	96	1120	45	940	41	343	10	103	2	46	1	G
0248+392	02 51 57.1	39 28 26	1240	74	730	30	610	35	216	7	72	2	33	1	
0248+396	02 51 56.1	39 51 31			200	9	130	30	37	1	12	1	6	1	
0248+467	02 51 00.1	46 57 24	6700	337	3360	147	2400	78	630	20	551	12	379	8	g
0249+383	02 53 08.9	38 35 25	1230	73	1130	45	950	41	669	20	559	11	382	8	Q
0250+384	02 53 52.0	38 41 39	4560	231	2250	90	1640	58	420	13	87	2	30	1	
0250+396	02 53 19.4	39 53 44	970	63	530	22	420	33	178	5	63	2	29	1	
0251+393	02 54 43.7	39 31 32			31	7	270	31	231	7	337	7	406	8	g
0252+385	02 56 10.4	38 42 32	1140	70	550	22	420	33	115	3	29	1	12	1	
0252+388	02 56 01.0	39 04 23	360	44	230	7	100	31	79	2	30	4	14	1	
0252+399	02 55 47.4	40 06 19			130	7	200	30	1	1	12	1	6	1	
0253+396	02 56 47.2	39 51 55	380	44	170	8	140	30	47	2	15	1	5	1	
0254+406	02 57 50.4	40 50 33	2950	153	1830	73	1430	52	500	15	149	3	64	2	Q
0255+460	02 58 30.3	46 16 06	3220	166	2110	85	1740	60	719	22	219	5	97	2	G
0258+435	03 02 12.8	43 42 47	2290	121	1760	71	1310	49	580	17	203	23	109	2	g
0258+443	03 01 33.7	44 30 27	1940	105	1320	53	1090	44	439	13	139	3	69	2	
0259+387	03 03 00.5	38 56 42	1000	64	590	24	430	33	164	5	58	2	25	1	g
0259+391	03 02 30.5	39 20 57	590	50	380	16	280	31	113	3	37	5	14	1	
0700+375	07 04 04.2	37 26 58	3850	197	2600	104	2070	69	661	20	152	3	51	1	G
0700+390	07 04 04.4	38 58 31			530	22	230	31	177	5	55	11	35	1	
0700+398	07 04 05.2	39 48 26			130	7	110	30	27	1	6	1	3	1	
0700+399	07 04 24.2	39 49 20			170	8	130	30	61	2	32	4	17	1	
0701+392	07 04 31.3	39 11 23	1790	98	1380	55	1170	46	506	15	182	4	77	2	Q
0701+397	07 05 11.1	39 37 48			80	6	110	30	29	1	11	1	5	1	
0701+401	07 05 21.2	40 02 27	2900	150	2050	82	1670	58	629	19	200	4	80	2	
0702+396	07 05 51.1	39 34 48			120	7	130	30	43	1	14	1	8	1	
0703+390	07 06 48.4	38 55 31	560	49	390	16	310	31	123	4	32	1	20	1	
0703+426A	07 06 42.3	42 32 11	11040	553	5960	241	4300	132	2297	69	1078	22	608	12	g
0703+426B	07 07 03.3	42 32 53			1880	75	1040	43	477	15	221	24	71	2	
0703+468	07 06 48.0	46 47 56	410	45	1970	79	1900	64	1598	48	637	13	281	6	
0704+384	07 07 32.8	38 22 13	6890	347	3920	157	2870	91	929	28	288	6	111	2	Q
0704+397	07 07 32.8	39 41 40	240	42	170	8	140	30	38	1	10	1	5	1	
0704+399	07 07 45.0	39 49 34	250	42	200	9	200	31	72	2	29	1	14	1	
0704+418	07 08 20.5	41 48 52	1990	107	1110	45	840	39	273	8	90	2	49	1	
0705+398	07 09 19.4	39 48 33	440	46	230	10	190	31	63	3	16	1	4	1	
0706+396	07 10 01.2	39 36 45	890	60	500	21	350	32	127	4	35	1	14	1	
0707+380A	07 10 39.7	37 59 17	1390	80	670	27	430	33	166	5	45	1	18	1	
0708+384	07 11 49.8	38 23 53	980	63	640	26	460	33	142	4	37	1	10	1	
0708+388	07 12 08.1	38 48 25	1400	81	830	34	660	36	254	8	117	3	56	2	g
0709+393	07 13 05.6	39 13 33	600	50	450	19	290	31	185	7	90	13	43	1	
0709+398	07 12 49.4	39 48 45	520	48	320	14	260	31	123	4	44	1	21	1	
0709+405	07 13 00.8	40 28 04	1050	66	640	26	490	33	181	5	63	2	22	1	
0709+409	07 12 30.0	40 51 26	3090	160	1670	67	1290	49	396	12	104	2	41	1	g
0710+403	07 14 24.4	40 16 02	1210	73	660	27	540	34	213	6	69	2	29	1	g
0710+457	07 14 31.1	45 40 06	5810	293	3710	148	3000	95	1242	37	473	1			

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0726+431	07 29 48.3	43 01 19	3010	156	1780	71	1290	49	425	13	126	3	50	1	Q
0727+401	07 30 35.8	40 01 23	290	43	390	16	400	32	451	14	144	3	49	1	
0728+389	07 31 57.9	38 51 26	340	43	280	12	200	31	111	3	35	5	22	1	
0728+395	07 31 55.3	39 23 35	640	51	400	17	300	31	92	3	22	1	10	1	
0729+391	07 33 20.9	39 05 06	290	43	280	12	260	31	155	5	100	9	66	2	Q
0729+395	07 33 00.9	39 25 06	600	50	380	16	280	31	105	3	35	5	10	1	g
0729+397	07 32 58.1	39 38 38	310	43	220	10	150	30	52	3	16	1	7	1	
0729+437	07 32 43.6	43 35 40	1510	85	1100	44	900	40	387	12	134	3	59	2	
0730+396	07 33 49.7	39 35 19	570	49	290	12	210	31	72	2	26	4	9	1	
0731+438	07 35 21.9	43 44 19	5910	298	3400	136	2600	84	774	23	163	3	47	1	G
0733+389	07 36 58.9	38 52 28	540	48	270	12	240	31	70	3	29	4	11	1	
0735+388	07 38 55.4	38 46 12	570	49	370	15	360	32	124	4	45	1	28	1	g
0735+390	07 39 01.4	38 56 12	1050	66	600	24	440	33	168	5	52	2	19	1	g
0735+395	07 39 04.9	39 25 44	530	48	370	15	280	31	116	4	39	5	20	1	
0736+386	07 40 10.8	38 33 47	1180	71	930	37	770	38	295	9	89	2	38	1	
0736+398	07 39 28.8	39 47 09	330	43	220	22	140	30	92	4	27	4	17	1	
0736+400	07 40 06.2	39 54 50	1030	65	660	27	530	34	226	7	85	2	39	1	g
0739+396	07 42 52.0	39 29 24	1210	73	640	26	490	33	145	4	29	1	12	1	
0739+397A	07 43 09.9	39 39 20			800	32			185	6	82	2	20	1	
0739+397B	07 43 09.9	39 41 32			640	33			484	15	289	6	251	5	
0739+398	07 42 37.3	39 44 35	280	42	210	10	170	30	126	4	110	2	96	2	Q
0740+380C	07 44 17.5	37 53 17	15590	781	7460	298	5550	169	1347	40	276	6	92	2	
0740+393	07 43 58.8	39 15 01	4410	224	2630	105	2080	69	660	20	191	4	65	2	
0740+474B	07 44 28.0	47 18 42	3600	184	2070	83	1630	57	610	18	196	4	62	2	
0741+396	07 44 30.7	39 34 32	280	42	160	8	140	30	48	3	12	1	5	1	
0741+399	07 45 21.0	39 51 03	280	42	180	9	140	30	58	2	24	1	15	1	
0741+407	07 45 18.3	40 38 21	1170	71	640	26	490	33	157	5	44	1	16	1	
0742+376	07 45 40.7	37 31 34	4190	213	2600	104	2100	70	640	19	173	4	85	2	
0742+394	07 46 02.4	39 16 58	1110	68	600	24	450	33	150	5	41	1	13	1	
0743+392B	07 47 16.4	39 09 53	1710	94	1110	45	870	40	294	9	87	2	27	1	
0743+399	07 46 30.9	39 51 21			140	7	100	30	33	1	7	1	1	1	
0744+399	07 47 33.2	39 50 11			230	10	200	31	94	3	29	4	10	1	
0744+464	07 47 43.7	46 18 58	3860	197	2180	87	1660	58	517	16	143	3	56	2	G
0745+397	07 49 02.1	39 38 51			140	7	110	30	44	1	17	1	8	1	
0745+398	07 48 41.9	39 41 07	1030	65	590	24	410	32	130	4	34	1	13	1	
0746+399	07 50 23.1	39 51 13	1770	97	1030	41	750	37	232	7	68	2	24	1	
0747+398A	07 50 25.8	39 41 34	2130	114	1300	52	970	42	346	10	98	2	38	1	
0747+398B	07 51 20.4	39 44 06	1960	106	1130	45	880	40	292	9	90	2	24	1	
0748+413B	07 52 19.9	41 15 52	2110	113	1120	45	830	39	236	7	75	2	24	1	
0749+398	07 52 38.4	39 44 16	2160	115	1330	53	1020	43	306	9	60	2	18	1	
0749+399	07 52 51.6	39 46 48			180	9	120	30	59	2	18	1	9	1	
0750+400	07 54 21.3	39 55 51	1040	66	610	25	440	33	135	4	35	1	16	1	
0750+402	07 53 40.7	40 04 50	1180	71	600	24	450	33	136	4	34	1	12	1	
0751+392	07 54 27.4	39 08 11	1660	92	1010	41	800	38	284	9	96	2	46	1	
0752+398	07 55 31.0	39 43 21	390	45	270	12	210	31	69	2	26	4	10	1	
0753+383	07 56 51.2	38 09 48	3580	183	2020	81	1510	54	449	13	102	2	50	1	
0753+391	07 56 27.1	39 01 25	1190	72	620	25	480	33	170	5	54	2	36	1	g
0754+394	07 58 03.0	39 20 43	350	44	150	8	130	30	32	1	9	1	5	1	Q
0754+396	07 58 08.9	39 29 27	3210	165	1990	80	1530	55	548	16	148	3	49	1	G
0754+397	07 57 59.1	39 36 38			210	22	170	30	25	2	3	1	3	1	g
0755+379B	07 58 28.1	37 47 11	9220	463	6190	248	5420	165	2652	80	1260	126	732	15	
0756+377	07 59 47.1	37 38 50	8370	420	5550	222	4540	139	1631	49	469	9	172	4	
0756+383	07 59 52.6	38 14 23	1860	101	1240	50	970	42	478	14	174	4	64	2	g
0756+406	08 00 16.0	40 29 55	1100	68	650	26	500	34	202	6	73	2	42	1	Q
0757+395	08 00 52.9	39 24 36	640	51	370	15	290	31	156	6	58	12	27	1	g
0757+399	08 00 32.8	39 47 07	430	45	420	17	320	31	117	4	29	4	14	1	
0759+392	08 02 23.6	39 04 35	450	46	240	11	200	31	72	2	26	1	12	1	
0759+397	08 03 02.5	39 36 36	720	54	490	20	390	32	145	4	35	1	15	1	
0800+399	08 04 01.1	39 50 05	530	48	310	13	220	31	100	3	38	5	20	1	b
0800+472	08 04 13.9	47 04 42	3610	185	2570	105	2060	69	896	27	322	7	171	4	b
0801+394	08 04 38.7	39 20 34	360	44	180	9	180	30	55	2	17	1	5	1	
0801+399	08 04 32.9	39 49 56	550	49	260	11	180	30	41	1	12	1	<2	1	
0801+401	08 05 20.8	39 57 43	880	59	690	28	580	35	310	9	139	3	64	2	
0802+398	08 05 57.9	39 40 44	1050	66	550	22	410	32	144	4	42	1	22	1	Q
0802+406	08 05 31.3	40 27 60	940	62	620	25	490	33	205	6	71	2	29	1	
0803+426	08 06 42.4	42 32 50			570	23	420	33	152	5	41	1	10	1	g
0803+427	08 07 07.3	42 34 37			740	30	580	35	208	6	38	1	6	1	g
0804+399	08 07 46.4	39 46 39	320	43	160	8	150	30	54	3	12	1	6	1	g
0805+391	08 08 22.3	39 01 01	800	57	280	23	230	31	86	3	38	5	19	1	g
0805+392	08 08 44.4	39 06 48			380	16	230	31	70	3	23	1	11	1	
0805+406	08 09 03.1	40 32 56	2810	146	1700	68	1330	50	534	16	201	4	110	2	b
0806+399	08 09 32.5	39 49 29	810	57	620	25	490	33	247	7	90	2	37	1	
0806+426	08 10 03.6	42 28 06	11350	569	7220	289	5680	173	2098	63	633	13	179	4	G
0807+399	08 10 43.1	39 50 10	630	51	290	12	230	31	76	3	24	1	13	1	
0809+404	08 12 53.1	40 19 00	3470	178	2660	106	2310	76	1072	32	402	8	195	4	g
0810+460B	08 14 30.3	45 56 40	10260	515	5370	215	4080	126	1119	34	280	6	113	2	g
0811+388	08 15 12.4	38 40 43	3120	161	1870	75	1510	54	532	16	148	3	52	1	
0811+391	08 14 27.0	38 59 24	740	54	420	17	270	31	114	5	29	6	10	1	G
0812+382	08 16 01.6	38 04 15	1810	99	1200	48	970	42	436	13	163	3	91	2	g
0812+398	08 15 59.0	39 43 31			80	6	100	30	28	1	8	1	3	1	
0812+399	08 15 58.4	39 49 12			80	6	120	30	31	1	10	1	5	1	
0812+406	08 16 08.3	40 29 18	1610	90	910	37	700	37	245	7	70	2	32	1	
0813+381	08 16 51.9	37 59 04	1030	65	550	22	440	33	145	4	35	1	13	1	
0813+393	08 16 53.6	39 11 14	450	46	250	11	210	31	77	2	29	4	22	1	g
0813+398	08 16 46.4	39 44 09	720	54	440	18	310	31	141	4	42	5	17	1	g
0814+383	08 17 19.5	38 11 28	1270	75	670	27	560	34	173	5	49	1	18	1	
0814+425	08 18 16.0	42 22 46	1510	85	1780	71	1420	52	1120	34	1867	37	1076	22	BL
0814+441	08 17 35.5	43 59 35	21												

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0827+458	08 30 35.8	45 43 30	6260	316	3050	122	2360	77	619	19	134	3	48	1	
0828+381	08 31 51.0	37 56 32	960	62	560	23	460	33	156	5	40	1	19	1	g
0829+395	08 33 15.4	39 21 18	1500	85	850	34	630	35	226	7	64	2	30	1	
0829+425	08 32 48.5	42 24 59	1500	85	1030	41	820	39	458	14	229	5	135	3	Q
0831+393	08 34 55.0	39 10 52	330	43	240	11	210	31	76	2	27	4	15	1	
0831+399	08 34 33.8	39 44 53	690	53	360	15	250	31	103	3	27	4	17	1	
0832+395	08 35 31.4	39 22 46	580	49	300	13	200	31	115	3	74	7	36	1	
0832+399	08 35 39.1	39 44 40			100	6	110	30	34	1	12	1	6	1	
0834+399	08 37 26.0	39 47 23			140	7	100	30	43	1	16	1	8	1	
0834+450A	08 37 52.6	44 50 23	7840	394	4660	186	3450	108	1510	45	535	54	301	6	g
0836+399	08 40 11.8	39 43 50	240	42	140	7	120	30	37	2	12	1	8	1	
0836+402	08 40 11.4	40 03 59	4280	218	2370	95	1870	64	612	18	184	4	84	2	g
0836+426	08 39 56.6	42 27 55	2020	109	1350	54	1120	45	526	16	331	7	208	4	Q
0837+399	08 41 07.9	39 44 48	320	43	180	9	160	30	53	2	17	1	6	1	
0838+396	08 42 10.5	39 27 12	240	42	160	8	150	30	54	2	21	1	8	1	
0840+400	08 44 06.8	39 53 01	280	42	610	25	580	35	144	4	14	1	2	1	
0840+424A	08 43 31.6	42 15 30	1510	85	2530	101	2280	75	1420	43	552	11	272	6	
0841+386	08 44 29.0	38 30 55	730	54	540	22	490	33	430	13	214	4	245	5	
0841+397	08 44 21.7	39 34 10	360	44	160	8	130	30	24	1	3	1	<3		
0841+403	08 44 55.9	40 08 14	2720	142	1460	59	1120	45	401	12	128	3	55	1	g
0841+407	08 45 08.6	40 31 16	870	59	450	19	400	32	163	5	66	7	38	1	
0842+401	08 46 03.6	39 56 56	1290	76	750	30	570	35	195	6	67	2	23	1	
0843+425	08 47 18.6	42 23 39	2420	127	1250	50	910	41	353	11	107	15	51	1	g
0844+396	08 47 50.6	39 30 01	220	41	150	8	110	30	41	1	12	1	7	1	
0847+406	08 50 40.9	40 29 14	1480	84	720	29	480	33	122	4	32	1	13	1	
0849+394	08 52 39.0	39 19 06	250	42	120	7	110	30	37	1	13	1	6	1	
0849+424	08 52 34.1	42 15 27	3220	166	1730	69	1310	49	458	14	139	3	57	2	Q
0850+383	08 53 53.6	38 11 15	1240	74	530	22	400	32	116	4	27	4	12	1	
0852+384	08 55 55.2	38 13 32	1060	66	580	24	440	33	175	5	51	1	24	1	
0854+399B	08 57 42.8	39 45 36	3170	163	1780	71	1460	53	501	16	140	17	71	2	G
0855+397	08 58 15.5	39 30 55	390	45	130	7	100	30	44	2	12	1	4	1	
0855+419	08 59 00.5	41 43 19	2290	121	1210	49	960	42	285	9	65	2	25	1	
0856+397	08 59 38.6	39 30 22	470	46	180	9	120	30	49	2	14	1	10	1	
0856+406	08 59 59.5	40 24 34	3010	156	1460	59	1070	44	241	7	41	1	10	1	G
0857+391	09 00 53.9	38 56 13	2710	141	1570	63	1280	49	508	15	188	4	86	2	g
0857+402	09 00 29.7	40 04 58	1230	73	710	29	560	34	215	6	57	2	22	1	
0858+386	09 01 32.2	38 27 11	1510	85	1060	43	740	37	327	10	118	3	58	2	
0858+388	09 01 14.8	38 42 08	1270	75	550	22	420	33	116	4	29	1	10	1	
0858+452	09 02 15.7	45 00 53	4730	240	2770	111	2170	72	839	25	266	5	104	2	
0859+470	09 03 03.9	46 51 03	4520	230	3430	137	2810	89	1783	53	1292	26	933	19	Q
0900+380B	09 04 00.0	37 52 32	1030	65	530	22	450	33	159	5	49	1	16	1	
0900+389	09 04 11.7	38 46 29	1530	86	680	28	550	34	177	5	53	2	24	1	
0900+395	09 03 25.6	39 18 41	440	46	190	9	150	30	40	1	10	1	9	1	
0900+428	09 04 15.7	42 38 05	5020	254	3010	120	2650	85	1253	38	939	19	451	9	g
0902+383	09 05 28.0	38 07 26	1740	96	870	35	700	37	224	7	69	2	28	1	
0902+384	09 05 13.0	38 14 34	1600	89	840	34	610	35	163	5	31	1	11	1	
0902+414	09 05 22.5	41 16 29	4690	238	2600	104	2030	68	813	24	294	6	133	3	g
0902+416	09 05 22.2	41 28 39	1740	96	1070	43	930	41	503	15	191	4	104	2	
0903+428	09 06 26.2	42 39 05	3140	162	1490	60	1200	47	292	9	69	2	27	1	G
0904+386	09 07 45.3	38 27 39	1120	69	540	22	430	33	161	5	83	2	27	1	Q
0904+396	09 07 38.5	39 24 29	720	54	340	14	260	31	76	2	13	1	6	1	
0904+399	09 07 37.6	39 24 20			190	9	160	30	87	3	48	5	36	1	
0904+417B	09 07 33.1	41 34 42	9020	453	5940	239	4090	126	1467	44	456	9	200	4	G
0905+380A	09 08 50.6	37 48 18	15940	798	8970	359	7090	215	2102	63	469	9	161	3	G
0905+399	09 08 17.8	39 43 15	2820	147	1320	53	940	41	253	8	40	11	17	1	G
0906+383	09 10 02.8	38 06 17	1510	85	770	31	610	35	197	6	56	2	20	1	
0906+421	09 09 45.6	41 57 20	3370	173	1620	65	1290	49	267	8	30	1	5	1	
0906+430	09 09 35.5	42 53 46	27750	1388	15160	606	11900	358	4221	127	1541	31	1128	23	Q
0907+381	09 10 54.2	37 59 15	560	49	510	21	430	33	285	9	134	3	107	2	
0908+380B	09 11 48.5	37 50 18			550	22	450	33	159	5	66	2	26	1	G
0908+380C	09 12 02.9	37 51 34	13140	658	6500	260	4580	141	1124	34	294	6	109	2	G
0909+395	09 12 40.7	39 22 45	250	42	110	6	100	30	41	1	13	1	6	1	
0909+432	09 13 00.7	43 05 21	3360	173	1600	64	1210	47	366	11	93	2	36	1	
0910+392	09 13 51.7	39 02 10	990	64	520	21	410	32	143	4	44	1	19	1	Q
0911+384	09 14 36.9	38 16 42	1580	89	850	34	650	36	235	7	70	2	30	1	
0911+395	09 14 38.5	39 22 40	910	61	500	21	390	32	134	4	36	1	16	1	
0911+418	09 14 45.6	41 37 08	2160	115	1220	49	1000	42	454	14	192	4	114	2	g
0912+388	09 15 34.3	38 37 56	770	56	470	19	370	32	133	4	41	1	15	1	
0912+392	09 16 05.1	39 00 19	560	49	250	11	210	31	58	2	19	1	7	1	Q
0913+385	09 16 47.9	38 18 07	1500	85	920	37	700	37	324	10	139	3	63	2	g
0913+391	09 16 48.9	38 54 28	2270	120	1660	67	1650	58	1042	31	712	14	487	10	Q
0914+390	09 17 41.8	38 49 17	830	58	400	17	330	32	87	3	21	1	9	1	
0917+458A	09 21 08.4	45 39 01	55650	2783	29940	1198	24300	730	8124	244	2571	257	1279	26	g
0918+381	09 21 46.1	37 54 08	5370	271	3120	125	2450	79	835	25	233	5	114	2	Q
0918+395	09 21 33.6	39 17 43	240	42	140	7	120	30	42	1	14	1	11	1	g
0918+444	09 21 31.5	44 13 46	2420	127	1430	57	1030	43	466	14	159	19	85	2	g
0919+381	09 22 15.2	37 54 02	2720	142	1340	54	1050	44	292	9	80	2	28	1	G
0920+390	09 23 14.4	38 49 40	330	43	680	28	430	33	377	11	254	5	299	6	
0920+408	09 24 02.6	40 34 60	2280	121	1090	44	860	40	328	10	108	2	54	1	g
0921+400	09 24 49.9	39 50 30	970	63	570	23	470	33	161	5	49	1	21	1	
0922+397	09 25 52.7	39 35 06	770	56	340	14	240	31	56	2	8	1	2	1	
0922+407	09 26 00.4	40 29 49	860	59	540	22	480	33	288	9	282	6	327	7	Q
0922+422	09 25 59.5	42 03 35	2700	141	1270	51	970	42	265	8	64	2	21	1	Q
0922+425	09 25 24.1	42 17 28	3570	183	1470	59	1150	46	319	10	88	2	30	1	Q
0923+392	09 27 03.0	39 02 21	6610	333	3920	157	3330	104	2894	87	10205	204	12041	241	Q
0923+398	09 26 46.8	39 37 45	680	52	440	18	350	32	170	5	107	2	76	2	

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
0944+397	09 47 49.1	39 33 11	660	52	350	15	250	31	72	2	18	1	5	1	
0945+408	09 48 55.4	40 39 44	3240	167	2700	108	2450	79	1606	48	1910	38	1392	28	Q
0945+419	09 48 30.2	41 41 43	5420	274	2960	118	2210	73	613	18	138	3	41	1	
0947+405	09 50 28.2	40 17 56	1030	65	530	22	440	33	127	4	35	1	16	1	
0947+424	09 50 18.5	42 12 58	3780	193	2020	81	1480	54	532	16	147	3	60	2	
0948+390	09 52 01.3	38 50 32	800	57	500	21	400	32	144	4	46	1	15	1	g
0950+402	09 54 02.6	39 59 51	1460	83	680	28	550	34	146	4	37	1	13	1	
0951+398	09 54 30.3	39 37 59	590	50	310	13	270	31	97	3	34	5	15	1	g
0951+408	09 54 43.2	40 36 44	2180	116	1210	49	920	41	321	10	93	2	34	1	Q
0951+422	09 54 12.6	42 01 08	2210	118	1310	53	1080	44	429	13	159	3	110	2	g
0953+382	09 56 44.3	38 03 02	1390	80	770	31	650	36	216	7	67	2	29	1	
0953+398	09 56 08.5	39 35 15	860	59	590	24	500	34	295	9	247	5	129	3	Q
0954+436	09 57 45.6	43 26 49	2460	129	1420	60	1110	45	419	13	142	3	51	1	g
0955+380	09 58 30.7	37 47 16	1090	68	590	24	460	33	138	4	28	1	11	1	
0955+387	09 58 02.7	38 29 59	3450	177	1820	73	1420	52	448	13	116	3	46	1	Q
0955+390	09 58 44.2	38 48 22	1910	104	1290	52	1050	44	462	14	156	3	59	2	
0955+396	09 58 56.8	39 22 30	1130	69	700	28	490	33	168	5	41	1	18	1	
0956+391	09 59 43.6	38 57 02	690	53	390	26	280	31	98	3	29	4	12	1	
0956+404	09 59 37.4	40 15 28	1160	70	590	24	470	33	125	4	25	1	7	1	
0956+475	09 59 18.8	47 21 14	6130	309	2820	113	2100	70	509	15	94	2	30	1	G
0957+399	10 00 46.1	39 40 46	620	51	300	13	240	31	69	2	14	1	4	1	
0958+390A	10 01 24.5	38 47 56			440	18	340	32	116	4	32	4	16	1	
0958+391	10 01 18.5	38 51 47			280	12	220	31	68	3	9	1	3	1	
1004+446	10 07 19.5	44 25 13	8690	436	5000	200	4220	130	1384	42	411	8	168	4	
1007+417	10 10 27.5	41 32 29	8450	424	4820	193	4100	127	1688	51	649	13	335	7	Q
1007+422	10 10 24.7	41 59 32	1580	89	1120	45	1000	42	436	13	146	3	73	2	
1008+395	10 11 55.2	39 20 04	410	45	180	9	170	30	67	2	24	1	8	1	
1008+423	10 11 54.1	42 04 33	1050	66	1070	43	1120	45	596	18	237	5	101	2	
1008+467A	10 11 45.6	46 28 20	18030	902	8530	341	6550	199	1556	47	321	7	93	2	G
1009+389A	10 12 24.4	38 44 05	640	51	380	16	290	31	114	3	32	5	17	1	
1009+434	10 12 09.7	43 13 05	2890	150	1280	56	910	41	195	6	37	1	9	1	G
1012+389	10 15 56.8	38 41 52	700	53	390	16	330	32	102	3	35	5	19	1	
1012+395	10 15 50.8	39 20 07	360	44	220	10	180	30	55	2	14	1	9	1	
1012+425	10 15 32.5	42 19 48	2390	126	1200	48	900	40	273	8	70	2	24	1	
1013+410	10 15 57.7	40 46 48	6580	331	3480	139	2860	91	1075	32	344	36	186	4	g
1014+392	10 17 14.1	39 01 23	5550	280	3640	146	3080	97	1398	42	517	10	229	5	
1014+397A	10 17 17.6	39 31 32	5560	281	2860	114	2150	71	692	21	196	22	110	2	Q
1015+383	10 18 25.6	38 05 28	1270	75	720	29	640	36	271	8	108	2	66	2	
1016+388B	10 19 47.2	38 33 35	1120	69	640	26	430	33	149	4	73	12	19	1	
1016+396	10 19 27.0	39 22 41	400	45	190	9	140	30	23	1	3	1	<3		
1016+397	10 19 55.0	39 30 20	200	41	150	8	110	30	57	2	19	4	9	1	g
1016+443	10 19 48.2	44 08 25	1050	66	1260	51	1000	42	359	11	71	2	21	1	g
1018+393	10 21 37.8	39 03 55	280	42	240	11	240	31	75	2	24	1	10	1	
1018+405	10 21 44.9	40 19 39	1620	90	890	36	670	36	213	6	57	2	21	1	
1019+382A	10 22 23.0	38 02 52	1130	69	630	26	560	34	212	6	79	2	40	1	
1019+394	10 22 55.2	39 08 49	2990	155	1720	69	1400	52	480	14	141	3	45	1	G
1019+395	10 22 15.6	39 17 29	510	47	360	15	280	31	94	4	31	4	8	1	
1019+397	10 22 38.2	39 31 51	240	42	200	9	170	30	96	3	48	6	27	1	Q
1020+400	10 23 11.6	39 48 17	3020	156	2060	83	1770	61	1129	34	689	14	852	17	Q
1021+384	10 23 56.4	38 08 47	990	64	680	28	570	35	250	8	82	2	41	1	
1022+432	10 25 29.8	42 57 43	6400	322	3430	137	2680	86	858	26	224	5	76	2	
1023+393	10 26 04.4	39 05 23	700	53	390	16	320	31	131	4	54	6	16	1	g
1024+463	10 27 14.9	46 02 51	8690	436	5170	208	4090	126	1408	42	385	8	215	4	G
1025+390B	10 28 44.3	38 44 36	2970	154	1830	73	1540	55	669	20	301	6	220	5	g
1025+394	10 28 51.2	39 10 47	760	55	350	15	290	31	82	3	24	4	13	1	
1027+383	10 30 40.3	38 03 22	1830	100	970	39	720	37	287	9	83	2	32	1	
1027+390	10 30 26.3	38 47 01	530	48	280	12	230	31	69	2	24	1	12	1	
1027+392	10 30 16.5	38 57 54	1260	75	940	38	830	39	389	12	150	3	81	2	
1028+400	10 31 17.0	39 46 56	780	56	500	21	420	33	159	5	50	1	20	1	
1028+402	10 31 02.8	40 00 44	2050	110	1030	41	820	39	250	8	66	2	26	1	
1030+398	10 33 22.1	39 35 51	640	51	830	34	700	37	410	12	711	14	382	8	G
1030+415	10 33 03.7	41 16 06	1320	77	770	31	1020	43	491	15	273	6	230	5	Q
1033+387A	10 36 23.4	38 31 33			600	24		132		6	31	10	22	1	g
1033+387B	10 36 45.8	38 26 45	700	53	570	23	360	32	120	4	22	1	8	1	
1033+388	10 36 34.9	38 35 33			510	45		184	7	63	12	32	1	1	g
1033+408	10 36 25.9	40 35 27	2270	120	1180	47	950	41	295	9	78	2	27	1	
1034+397	10 37 34.0	39 28 00			90	6	100	30	27	1	12	1	7	1	
1034+404	10 37 12.4	40 11 38	4260	217	2560	103	2150	71	769	23	231	5	84	2	G
1035+398	10 38 16.9	39 32 55	460	46	260	11	210	31	90	3	33	5	17	1	
1037+399	10 40 12.3	39 42 26	870	59	390	16	280	31	84	4	24	1	9	1	
1038+398	10 41 29.2	39 33 56	890	60	460	19	360	32	124	4	40	1	16	1	
1039+397	10 42 01.2	39 26 59	1370	79	830	34	660	36	294	9	116	3	49	1	g
1039+424	10 42 06.2	42 10 30	1770	97	1060	43	870	40	281	8	66	2	23	1	
1040+395	10 43 05.3	39 14 16	1690	93	970	39	760	38	284	9	83	13	50	1	
1040+397	10 43 17.5	39 29 38	370	44	190	9	130	30	46	1	17	1	8	1	
1040+398	10 43 36.0	39 34 12			90	6	110	30	46	2	23	1	9	1	g
1041+392	10 44 26.2	39 00 50	1170	71	740	30	600	35	226	7	76	2	30	1	
1042+392	10 45 15.0	38 56 38	2680	140	1920	77	1500	54	643	19	236	5	88	2	
1042+393	10 45 21.2	39 04 19			270	12	280	31	74	2	20	1	8	1	
1042+397	10 45 40.3	39 30 08	270	42	220	10	170	30	108	3	46	5	27	1	
1043+394	10 45 57.9	39 13 07	660	52	350	15	300	31	110	3	26	4	14	1	
1044+454	10 47 33.7	45 08 53	3120	161	1730	69	1670	58	444	13	87	2	24	1	
1047+387	10 50 46.0	38 31 48	460	46	420	17	420	33	198	6	69	2	28	1	
1047+396	10 50 13.7	39 25 43	450	46	220	10	160	30	57	3	16	1	6	1	
1049+384	10 52 11.8	38 11 42	840	58	1380	55	1240	48	693	21	203	4	71	2	
1050+391	10 53 33.7	38 53 48	860	59	480	20	370	32	146	4	45	1	19	1	
1052+380	10 55 44.5	37 46 01	1790	98	1080	43	820	39	222	7					

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
1103+393	11 06 08.2	39 06 04	1170	71	660	27	520	34	190	6	62	2	28	1	
1104+390	11 07 40.3	38 49 03	370	44	230	10	200	31	71	2	25	1	15	1	
1104+397	11 07 01.0	39 29 13	350	44	160	8	120	30	30	2	5	1	<4		
1105+390	11 08 22.5	38 45 52	470	46	280	12	230	31	91	3	29	5	19	1	g
1105+392	11 08 37.9	38 58 39	4990	253	2900	116	2310	76	898	27	276	6	128	3	Q
1106+380	11 09 28.8	37 44 32	1920	104	1370	55	1290	49	1226	37	769	15	502	10	G
1107+379	11 09 49.6	37 38 29	10510	527	7030	281	5630	172	2045	61	666	13	293	6	G
1108+394	11 11 14.3	39 12 33	300	43	90	6	100	30	25	2	6	1	<5		
1108+399	11 11 19.5	39 40 14	2100	112	1200	48	930	41	369	11	148	3	79	2	g
1108+411B	11 11 39.0	40 50 16	7880	396	3980	159	3200	101	844	25	256	5	97	2	Q
1109+437	11 12 39.2	43 26 02	9810	492	6000	240	4770	146	1429	43	337	7	145	3	Q
1110+391	11 13 26.6	38 53 25	800	57	400	17	320	31	98	3	24	1	14	1	
1111+391	11 14 29.3	38 50 35	600	50	450	19	370	32	174	5	61	2	24	1	
1111+396A	11 14 37.9	39 27 14			110	6			39	1	13	1	5	1	
1111+408	11 14 38.4	40 37 20	27610	1381	13990	560	10920	329	3125	94	752	15	249	5	Q
1112+435	11 15 20.7	43 14 43	1710	94	990	40	830	39	330	10	128	3	64	2	g
1115+380A	11 18 04.5	37 48 07	1600	89	1080	43	700	37	225	7	70	2	35	1	
1115+399	11 17 57.0	39 40 44	350	44	170	8	150	30	61	2	30	4	19	1	
1116+388	11 18 55.0	38 34 25			270	12	200	31	97	3	35	5	13	1	
1116+392	11 19 03.4	38 58 52	1060	66	520	21	360	32	141	4	42	1	16	1	Q
1117+441	11 20 16.0	43 54 51	2190	117	1290	52	1010	43	396	12	134	3	63	2	
1118+390	11 21 12.7	38 47 08	530	48	250	11	200	31	73	3	22	4	7	1	
1121+399	11 23 47.1	39 37 49	750	55	540	22	460	33	218	7	82	2	39	1	
1121+435	11 24 32.1	43 15 40	2590	136	1460	59	1200	47	411	12	120	3	62	2	
1121+444	11 23 54.9	44 08 34	3690	189	1830	73	1390	51	383	12	69	2	31	1	
1122+390	11 24 43.5	38 45 47	400	45	270	12	220	31	138	4	52	6	36	1	g
1122+397	11 25 42.4	39 25 31	630	51	380	16	290	31	126	4	44	1	22	1	
1123+395	11 26 28.3	39 18 43	1900	103	490	20	360	32	145	4	63	2	26	1	Q
1127+380	11 29 55.5	37 48 04	1820	99	1080	43	780	38	247	7	75	2	31	1	
1128+385	11 30 53.3	38 15 18	760	55	610	25	520	34	715	21	655	13	944	19	Q
1128+392	11 31 12.7	39 00 34	1110	68	690	28	560	34	204	6	60	2	21	1	
1128+396	11 31 29.2	39 21 32	760	55	370	15	250	31	81	2	19	1	9	1	
1128+436	11 30 47.6	43 25 04	3600	184	1860	75	1550	55	417	13	97	2	38	1	
1128+455	11 31 38.9	45 14 49	6330	319	5250	210	4370	134	2016	60	649	13	231	5	g
1130+387	11 32 57.3	38 26 57	750	55	580	24	480	33	192	6	65	2	28	1	
1131+388	11 34 03.8	38 35 49	1530	86	930	37	750	37	313	9	124	3	63	2	g
1131+391	11 34 13.2	38 51 17	690	53	400	17	310	31	144	4	100	2	74	2	
1131+437	11 34 38.4	43 28 01	7210	363	4750	190	3900	121	1576	47	521	10	216	4	G
1132+396	11 35 02.1	39 23 02	330	43	170	8	110	30	35	1	6	1	4	1	
1132+406	11 34 41.0	40 21 16	1960	106	1050	42	770	38	271	8	88	2	41	1	g
1132+410	11 34 45.7	40 43 53	2730	142	1420	57	1100	45	324	10	84	2	29	1	
1133+395	11 36 26.0	39 17 15	300	43	160	8	140	30	67	2	26	4	13	1	
1133+432	11 35 56.0	42 58 44			580	24	880	40	1455	44	503	10	172	4	
1134+406	11 37 26.8	40 22 30	1000	64	660	27	530	34	207	6	65	2	30	1	
1135+390	11 37 58.0	38 45 08	620	51	280	12	220	31	74	2	21	1	8	1	
1135+401	11 37 40.6	39 50 48	340	43	700	28	660	36	361	11	125	3	34	1	
1136+383	11 39 33.9	38 03 41	550	49	1010	41	840	39	462	14	174	4	84	2	
1136+390	11 39 09.5	38 47 18	900	60	620	25	490	33	202	7	70	2	32	1	
1136+420	11 38 59.1	41 48 40	1900	103	1240	50	1090	44	463	14	174	4	76	2	G
1137+396	11 40 25.0	39 22 00	220	41	130	7	110	30	34	2	15	1	7	1	g
1140+394	11 43 14.5	39 09 11	870	59	440	18	320	31	98	3	25	1	8	1	
1140+399	11 43 19.4	39 38 26	330	43	180	9	140	30	52	3	15	1	8	1	
1141+374	11 44 26.9	37 08 40	9010	452	6020	241	4750	146	2140	64	797	16	442	9	g
1141+392	11 43 48.8	38 58 42	1460	83	1040	47	600	35	211	6	63	2	29	1	
1141+400	11 44 32.9	38 43 23	860	59	510	21	410	32	157	5	59	2	27	1	Q
1141+466	11 43 39.6	46 21 20	5460	278	3270	131	2600	84	870	26	208	4	60	2	g
1142+392	11 45 34.0	38 56 56	1090	66	700	28	570	35	231	7	79	2	32	1	Q
1143+405	11 46 27.4	40 14 58	1240	74	610	25	490	33	150	5	36	1	13	1	
1143+456	11 46 15.2	45 20 37	4500	229	2940	118	2260	74	716	21	138	3	43	1	G
1144+398	11 47 17.2	39 36 52	240	42	140	7	120	30	38	1	13	1	9	1	
1144+402	11 46 58.3	39 58 33	970	52	620	25	930	41	358	11	1029	21	918	18	Q
1144+404	11 46 42.9	40 08 01	960	62	610	25	510	34	188	6	60	2	35	1	
1148+387	11 51 29.3	38 25 52	3830	196	2310	93	1830	63	655	20	228	5	140	3	Q
1148+477	11 51 09.3	47 28 55	5170	262	2890	116	2290	75	706	21	156	3	52	1	Q
1149+390	11 51 37.8	38 46 14	800	57	440	18	330	32	99	3	27	1	7	1	
1149+398	11 51 44.7	39 34 14	610	50	390	43	210	31	100	3	28	1	15	1	
1150+388	11 52 45.1	38 31 45	1140	70	780	32	660	36	257	8	80	2	34	1	
1150+401	11 53 01.2	39 53 52	1240	74	710	29	550	34	164	5	38	1	17	1	
1150+438	11 52 42.4	43 36 19	2060	110	1250	50	960	42	331	10	83	2	31	1	
1151+383	11 54 01.3	38 05 07			1760	71	1420	52	523	16	167	4	68	2	g
1151+384B	11 53 52.8	38 11 45	4880	247	3160	126	2470	80	1041	31	342	7	222	5	Q
1151+408	11 53 54.6	40 36 52	1280	75	1080	43	880	40	1142	34	500	10	397	8	Q
1151+456	11 54 20.6	45 23 37	4970	252	2990	122	2280	75	958	29	353	7	203	4	g
1153+407B	11 55 51.6	40 30 12	2540	133	1330	53	900	40	288	9	97	14	30	1	
1153+451	11 56 08.9	44 50 15	3360	173	2220	89	1790	62	731	22	227	5	106	2	
1154+397	11 56 47.5	39 28 18	310	43	170	8	140	30	81	4	25	1	16	1	g
1154+398	11 57 29.5	39 36 06	260	42	170	8	150	30	50	2	16	1	5	1	
1156+389	11 59 04.5	38 40 09	680	52	400	17	310	31	109	3	31	4	18	1	G
1157+396	11 59 51.4	39 24 18	500	47	200	9	160	30	50	2	10	1	3	1	
1157+460	12 00 31.2	45 48 42	2680	140	3170	127	2880	91	1165	35	320	6	121	3	G
1158+393	12 00 55.6	39 02 57	770	56	410	17	300	31	92	3	22	1	10	1	
1159+395	12 01 49.9	39 19 10	680	52	980	39	830	39	609	18	237	5	117	3	G
1200+393	12 03 00.2	39 05 46	560	49	320	14	250	31	80	2	24	1	8	1	
1201+394	12 04 06.8	39 12 18	1910	104	1360	55	1110	45	486	15	167	4	74	2	g
1201+396	12 03 42.6	39 22 55	310	43	230	10	160	30	63	2	18	1	6	1	
1202+388	12 05 31.2	38 34 03	680	52	400	17	300	31	114	3	37	5	24	1	
1202+397	12 04 48.8	39 29 47			1										

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
1217+427	12 19 53.9	42 29 50	1820	99	1130	45	870	40	305	9	88	2	37	1	
1218+395	12 21 11.5	39 18 46	1010	64	500	21	330	32	104	3	27	1	11	1	
1218+398	12 20 53.8	39 37 12	230	42	110	6	110	30	31	1	9	1	4	1	
1218+421	12 21 12.6	41 52 18	2000	108	1310	53	1080	44	501	15	193	4	101	2	g
1219+382	12 22 11.4	37 59 14	1510	85	830	34	580	35	175	5	30	1	9	1	
1220+393	12 23 22.5	39 04 23	740	54	410	17	290	31	103	3	27	1	12	1	
1220+408	12 22 35.2	40 36 21	3340	172	1960	79	1500	54	468	14	110	2	47	1	
1221+394	12 24 10.0	39 08 50	680	52	370	15	280	31	97	3	28	1	12	1	
1221+397	12 24 07.8	39 29 56	410	45	220	10	120	30	65	2	24	1	11	1	
1221+398	12 23 47.7	39 32 44			210	10	130	30	76	2	25	1	14	1	g
1222+390	12 25 21.3	38 48 30	560	49	280	12	210	31	75	2	24	1	14	1	
1222+398	12 24 31.4	39 32 17	270	42	170	8	160	30	47	1	9	1	<4		
1222+423	12 24 28.2	42 06 32	8710	437	5130	205	4020	124	1366	41	366	7	148	3	G
1223+395	12 25 50.5	39 14 23	480	47	450	19	510	34	649	19	491	10	331	7	G
1225+403	12 28 13.0	40 04 13	1120	69	600	24	470	33	125	4	29	1	9	1	
1225+442	12 27 42.0	44 00 41	1680	93	1210	49	930	41	387	12	108	2	37	1	g
1226+395	12 29 12.0	39 15 51			100	6	100	30	39	1	18	1	9	1	
1228+397	12 30 52.8	39 29 58	1250	74	800	32	600	35	220	7	62	2	26	1	Q
1228+419A	12 30 34.6	41 38 54	3200	165	2390	104	1770	61	838	25	295	6	155	3	g
1229+397	12 31 58.8	39 30 40	1060	66	610	25	400	32	220	7	40	1	16	1	
1229+405	12 31 40.4	40 17 32	1920	104	1160	47	910	41	346	10	121	3	58	2	Q
1230+398	12 32 43.5	39 36 52	240	42	180	9	140	30	57	2	19	1	9	1	
1231+394	12 34 23.2	39 08 49	1330	78	650	26	470	33	133	4	33	1	15	1	
1231+432	12 34 18.5	42 57 12	1570	88	1000	40	820	39	311	9	94	2	41	1	
1232+394	12 35 11.4	39 10 59	830	58	450	19	300	31	93	3	21	1	11	1	
1232+397A	12 34 29.6	39 30 35	1240	74	690	28	460	33	153	5	42	1	21	1	G
1232+397B	12 35 04.6	39 25 39	3270	168	1630	65	1130	45	257	8	41	1	16	1	G
1232+399	12 34 50.4	39 38 44			130	21	130	30	64	2	32	4	16	1	
1232+414A	12 34 30.3	41 09 34	3570	183	2660	108	1810	62	728	22	237	26	93	2	g
1233+399	12 36 15.5	39 40 03	230	42	140	7	110	30	34	2	11	1	5	1	
1233+418	12 35 35.6	41 37 07	2540	133	1810	73	1470	53	695	21	265	5	131	3	g
1234+396	12 36 51.4	39 20 28	740	54	620	25	540	34	348	10	234	5	171	4	
1236+444A	12 38 33.7	44 13 43			470	19	450	33	242	7	119	3	89	2	
1236+444B	12 38 47.2	44 09 46	2340	124	810	52			235	8	47	5	39	1	g
1239+382	12 42 12.2	37 58 56	880	59	540	22	440	33	200	6	69	2	35	1	g
1239+390	12 41 33.4	38 48 39	1810	99	970	39	750	37	249	7	69	2	28	1	
1239+396	12 41 47.9	39 20 48	660	52	440	18	310	31	158	5	65	2	36	1	g
1239+442B	12 42 19.5	43 56 11	2600	136	1580	63	1210	47	484	15	171	4	91	2	Q
1240+381	12 42 51.3	37 50 59	420	45	410	17	410	32	554	17	711	14	341	7	Q
1240+395	12 42 52.8	39 15 46	1240	74	550	22	360	32	77	2	17	1	8	1	
1241+411	12 44 20.0	40 51 36	1340	78	900	36	800	38	370	11	145	3	74	2	g
1242+391	12 44 30.3	38 53 57	800	57	330	14	250	31	61	2	13	1	7	1	Q
1242+410	12 44 49.2	40 48 05	1410	81	2140	86	2010	67	1360	41	692	14	340	7	
1244+389	12 46 46.0	38 41 40	5000	253	2650	106	2170	72	599	18	143	3	52	1	
1244+397	12 47 19.7	39 27 48	380	44	210	10	160	30	62	2	16	1	7	1	
1245+389	12 48 20.4	38 42 15	760	55	480	20	380	32	161	5	60	2	33	1	
1245+396	12 48 03.6	39 22 05	780	56	410	17	330	32	103	3	24	4	11	1	
1245+399	12 47 49.4	39 10 24	630	51	380	16	300	31	111	3	31	1	14	1	
1246+385C	12 49 13.5	38 16 56	1610	90	940	38	700	37	293	9	88	2	38	1	
1247+450A	12 49 23.2	44 44 49	3650	187	2240	90	1680	59	689	21	216	4	97	2	Q
1249+393	12 51 45.5	39 03 10	400	45	290	12	260	31	119	4	52	6	31	1	
1249+432	12 52 01.0	42 57 43	2840	148	1770	71	1400	52	562	17	1670	4	69	2	
1249+475	12 52 16.5	47 15 38	8950	449	4380	175	3290	103	984	30	228	5	88	2	
1250+384	12 52 31.6	38 10 43	1330	78	770	31	610	35	201	6	57	2	21	1	g
1250+390	12 52 49.5	38 49 36	1110	68	600	24	460	33	154	5	40	1	14	1	
1251+398	12 54 10.5	39 33 23	490	47	230	10	150	30	56	2	14	1	7	1	
1253+374	12 56 17.5	37 13 41	5260	266	2920	117	2270	74	711	21	177	4	73	2	
1253+432	12 55 43.5	42 58 25	3680	188	1830	73	1420	52	433	13	118	3	59	2	G
1254+476	12 56 57.1	47 20 20	29880	1495	16890	676	13710	412	5011	150	1674	33	727	15	G
1255+448	12 58 01.4	44 35 22	7230	364	3700	148	2900	92	921	28	292	6	149	3	
1256+392	12 59 02.4	39 00 20	1610	90	970	39	800	38	291	9	92	2	43	1	Q
1257+383	13 00 13.7	38 04 30	4650	236	2650	106	2070	69	707	21	192	4	68	2	
1257+399	12 59 45.4	39 40 37	300	43	130	7	110	30	32	1	10	1	4	1	
1258+395	13 00 43.6	39 19 04	520	48	240	11	180	30	69	2	21	1	12	1	
1258+404	13 00 33.0	40 09 07	10920	547	5690	228	4510	139	1370	41	354	7	140	3	Q
1259+395	13 02 00.6	39 15 22			90	6	100	30	39	2	20	1	16	1	Q
1300+397	13 02 48.2	39 29 54	590	50	310	13	270	31	101	3	36	5	22	1	Q
1301+382	13 03 44.0	37 56 09	3460	178	2050	82	1650	58	583	17	183	4	80	2	g
1301+393	13 03 20.7	39 03 18	660	52	400	17	320	31	108	3	28	1	13	1	
1302+388	13 04 57.9	38 32 29	4610	234	2460	99	1970	66	528	16	106	2	32	1	G
1305+393	13 07 37.2	39 04 43	750	55	410	17	350	32	119	4	38	1	17	1	
1306+396	13 08 28.3	39 26 02	840	58	420	17	350	32	83	3	18	1	6	1	
1308+392	13 10 38.2	38 57 01	540	48	420	17	360	32	186	6	76	2	36	1	
1309+412A	13 11 43.2	40 58 58	4150	211	1880	96	1170	39	591	19	217	6	117	3	g
1311+419	13 14 04.6	41 40 35	1970	106	1020	41	850	51	275	8	82	2	33	1	
1312+393	13 15 06.0	39 03 44	1430	82	840	34	710	37	249	7	84	2	40	1	Q
1313+387	13 15 24.2	38 30 30	2950	153	1200	48	1050	44	338	11	118	15	46	1	
1313+392	13 15 41.6	38 58 33	420	45	320	14	280	31	151	5	68	2	29	1	g
1314+453A	13 16 11.9	45 04 29	3160	163	1890	76	1750	60	689	21	237	5	94	2	G
1315+395	13 17 50.2	39 15 19	1480	84	890	36	690	36	246	7	78	2	31	1	
1315+396	13 17 18.6	39 25 27	2310	122	1440	58	1160	46	635	19	364	7	285	6	Q
1317+380	13 19 52.4	37 47 24	1570	88	900	36	750	37	276	8	101	2	47	1	Q
1317+389	13 20 00.6	38 40 22	210	41	280	12	310	31	287	9	139	13	81	2	
1317+393	13 19 43.5	39 02 51	610	50	350	15	280	31	101	3	29	4	14	1	G
1318+398	13 20 27.6	39 32 53	370	44	240	11	200	31	72	2	27	4	10	1	
1319+388	13 21 20.1	38 35 32	610	50	340	14	290	31	104	3	30	1	15	1	
1319+397	13 22 12.2	39 30 49	290	43	200	9									

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
1333+392	13 35 50.6	38 59 55	920	61	450	19	370	32	120	4	38	1	15	1	
1333+412	13 35 19.9	41 00 04	7460	375	3840	154	2980	94	852	26	256	5	95	2	g
1334+417	13 36 26.4	41 31 12	1440	82	1050	42	890	40	449	13	171	4	62	2	G
1336+391A	13 38 49.7	38 51 12	20270	1014	12510	500	10000	301	3377	101	958	19	363	7	g
1336+393	13 38 15.3	39 05 57	980	63	460	19	400	32	113	3	45	1	16	1	
1336+396C	13 39 08.7	39 26 22	2840	148	1540	62	1180	46	415	12	135	3	58	2	
1336+397A	13 38 16.3	39 28 32			200	9	160	30	97	3	49	5	48	1	
1336+397B	13 38 55.1	39 29 55			120	7			25	1	9	1	3	1	
1337+385	13 39 25.1	38 15 09	900	60	510	21	440	33	111	3	34	1	8	1	
1338+394	13 41 08.4	39 14 51	390	45	240	11	180	30	89	3	39	1	16	1	
1339+438	13 41 53.4	43 35 19	2870	149	1460	59	1100	45	345	10	92	2	40	1	G
1339+472	13 41 45.0	46 57 16	4950	251	2680	107	2210	73	716	21	213	4	86	2	Q
1340+439	13 43 06.0	43 43 23	840	58	1340	54	1200	47	551	17	130	3	41	1	
1341+392	13 43 20.4	38 58 35	2980	154	1590	64	1220	47	420	13	147	3	71	2	Q
1342+389A	13 44 25.1	38 41 29	2130	114	1120	45	860	40	288	9	79	2	44	1	Q
1342+389B	13 44 48.1	38 44 36			580	24	460	33	197	6	73	2	25	1	g
1343+386	13 45 36.9	38 23 12	1340	78	1810	73	1520	55	899	27	396	8	195	4	Q
1343+430	13 45 33.1	42 50 16	4790	243	3240	130	2720	87	1154	35	403	8	160	3	G
1344+397	13 47 04.3	39 28 58	390	45	260	11	160	30	104	3	78	2	77	2	
1345+398	13 47 13.5	39 35 58	400	45	250	11	180	30	65	2	20	1	7	1	
1346+392	13 48 56.9	39 00 43	440	46	270	12	220	31	85	3	28	1	14	1	
1347+391	13 49 25.7	38 51 42	580	49	470	19	440	33	180	5	64	2	32	1	
1347+396	13 49 09.2	39 23 06	540	48	450	19	380	32	179	5	69	2	29	1	
1347+398	13 49 15.9	39 36 47	930	61	520	21	390	32	148	4	48	1	22	1	
1347+403	13 49 52.1	40 06 21	810	57	510	21	430	33	130	4	35	1	13	1	
1348+392	13 50 32.4	38 59 22	1320	77	670	27	500	34	169	5	86	2	101	2	Q
1348+396	13 50 39.8	39 21 25	510	47	300	13	220	31	101	3	32	4	27	1	
1349+394	13 51 49.6	39 13 44			100	6	100	30	60	4	7	2	12	1	
1349+388	13 51 19.8	38 38 14	300	43	220	10	220	31	251	8	164	3	116	3	Q
1350+395	13 52 29.4	39 18 36	850	58	410	17	290	31	84	3	21	4	7	1	
1350+432	13 52 28.5	42 59 23	2980	154	1210	49	830	39	170	5	33	1	10	1	G
1352+383	13 55 03.2	38 04 54	1070	67	590	24	440	33	145	4	36	1	18	1	
1352+397	13 54 11.3	39 27 56	920	61	460	19	320	31	125	4	29	4	16	1	
1352+403	13 54 07.3	40 05 56	1070	67	580	24	470	33	160	5	58	2	25	1	
1353+380	13 55 53.7	37 45 24	990	64	640	26	490	33	180	5	60	2	24	1	
1353+397	13 56 03.4	39 33 23			740	30	530	34	182	5	39	1	14	1	
1354+397	13 56 15.9	39 29 24	3500	180	1440	58	960	42	226	7	35	1	12	1	
1355+380	13 57 39.9	37 49 42	1260	75	720	29	600	35	217	7	85	2	71	2	Q
1356+393	13 58 47.8	39 04 02	1260	75	900	36	740	37	300	9	93	2	41	1	
1356+397	13 58 15.5	39 32 47			130	7	120	30	37	1	15	1	9	1	b
1357+392	13 59 12.3	39 00 33	570	49	290	12	200	31	61	2	19	1	7	1	
1357+394A	13 59 55.4	39 13 04			150	8	210	31	185	6	39	1	14	1	
1357+394B	14 00 03.1	39 10 53			520	21	410	32	146	4	54	2	23	1	Q
1358+433	14 00 32.1	43 04 03	3380	174	1800	72	1370	51	431	13	119	3	42	1	
1359+419	14 01 33.8	41 42 15	2690	140	1520	61	1160	46	390	12	111	2	49	1	G
1401+387	14 03 11.8	38 27 51	3330	171	2090	84	1640	58	670	20	211	4	114	2	
1401+395	14 04 04.9	39 21 09	450	46	250	11	170	30	58	2	19	1	6	1	
1402+382	14 04 28.0	38 00 29	1700	94	850	34	640	36	201	6	58	2	20	1	
1403+395	14 05 12.1	39 17 22	620	51	320	14	240	31	72	2	21	1	8	1	
1406+397	14 08 25.0	39 31 31	810	57	440	18	320	31	112	3	31	4	18	1	
1407+388	14 09 27.0	38 38 01	520	48	320	14	260	31	117	4	44	1	23	1	g
1408+398	14 10 41.3	39 34 36	1030	65	540	22	420	33	151	5	47	1	16	1	
1408+399	14 10 17.6	39 45 25	370	44	190	9	170	30	63	3	17	1	4	1	
1409+390	14 11 42.4	38 46 19	880	59	550	22	460	33	191	6	62	2	30	1	
1409+394	14 11 26.9	39 14 17	660	52	380	16	290	31	124	4	43	1	15	1	
1410+438	14 12 17.4	43 37 52	3390	174	1770	71	1340	50	474	14	123	3	56	1	
1411+391A	14 13 52.9	38 53 28			230	10	220	31	93	3	42	1	19	1	
1411+391B	14 14 00.2	38 55 26			520	21	390	32	190	6	103	2	38	1	
1411+397	14 13 12.9	39 30 56	390	45	190	9	130	30	76	2	33	1	14	1	g
1411+427	14 13 40.8	42 29 23	2240	119	1270	51	960	42	330	10	96	2	38	1	
1412+392	14 15 03.3	38 59 16	780	56	600	24	470	33	234	7	94	2	54	1	
1412+397	14 14 50.0	39 30 05	390	45	200	9	170	30	47	2	19	1	6	1	
1413+398	14 15 15.9	39 37 42	450	46	170	8	130	30	35	2	9	1	4	1	
1414+398	14 16 32.8	39 36 34	950	62	370	15	240	31	102	3	29	4	11	1	g
1415+391	14 17 54.5	38 58 03	400	45	250	11	210	31	82	4	25	1	10	1	
1416+400	14 18 58.8	39 46 39	1550	87	840	34	670	36	256	8	115	3	74	2	Q
1417+383	14 19 55.4	38 06 25	1040	66	690	28	540	34	209	6	66	2	30	1	
1417+385	14 19 46.5	38 21 48	410	45	600	24	470	33	624	19	1371	27	899	18	Q
1417+397	14 19 48.8	39 32 20	250	42	150	8	120	30	52	2	15	1	7	1	
1418+388	14 21 01.7	38 35 44	1240	74	700	28	550	34	144	4	31	1	10	1	
1419+397	14 21 23.5	39 33 31	480	47	740	30	570	35	395	12	187	4	98	2	g
1419+399	14 21 25.6	39 43 28	290	43	180	9	140	30	91	4	57	6	56	2	Q
1419+419	14 21 05.8	41 44 49	15820	792	9890	396	8170	247	3097	93	917	18	372	8	g
1420+386	14 22 13.6	38 26 54	760	55	510	21	410	32	169	5	60	2	26	1	
1422+395	14 24 22.4	39 21 44	970	63	510	21			172	6	58	12	33	1	g
1422+401B	14 24 28.8	39 53 19	1530	86	920	37	740	37	287	9	90	2	45	1	
1424+380	14 26 05.9	37 48 58	5570	281	1480	59	780	38	48	3	5	1	<3		
1426+394	14 28 13.9	39 12 19	900	60	530	22	440	33	272	8	143	3	155	3	
1426+398	14 28 45.7	39 38 38	990	64	420	17	270	31	90	5	9	2	6	1	
1427+404	14 29 56.9	40 11 17	830	58	480	20	410	32	178	5	54	2	29	1	g
1428+380	14 30 34.4	37 50 10	1050	66	650	26	520	34	208	6	77	2	40	1	g
1428+385	14 30 55.2	38 19 36	2010	108	1180	47	820	39	300	9	85	2	36	1	
1429+392	14 31 36.7	38 59 35	510	47	410	17	310	31	108	3	20	1	8	1	
1429+395	14 31 42.5	39 19 05	930	61	550	22	380	32	157	5	51	1	19	1	
1430+399	14 32 27.0	39 44 50			120	7	140	30	45	2	9	1	7	1	
1432+382	14 34 57.5	38 04 50	2650	138	1750	70	1090	44	463	14	166	3	72	2	g
1432+389	14 34 14.4	38 42 57	490	47	280	12	220	31	71	2	28	4	9	1	
1432+397A	14 34 19.3	39 29 33			100	6	100	30	52	2</					

Table 2. B3 VLA flux densities (cont'd)

B3 name	RA(J2000) [h m s]	DEC(J2000) [° ′ ″]	S ₁₅₁ [mJy]	ΔS ₁₅₁ [mJy]	S ₃₂₇ [mJy]	ΔS ₃₂₇ [mJy]	S ₄₀₈ [mJy]	ΔS ₄₀₈ [mJy]	S ₁₄₀₀ [mJy]	ΔS ₁₄₀₀ [mJy]	S ₄₈₅₀ [mJy]	ΔS ₄₈₅₀ [mJy]	S ₁₀₅₅₀ [mJy]	ΔS ₁₀₅₅₀ [mJy]	Id.
1446+399	14 48 07.4	39 44 20	750	55	440	18			103	5	10	2	11	1	
1446+440	14 48 32.0	43 52 35	3910	200	2050	82	1420	52	543	16	154	3	70	2	
1447+380	14 49 17.0	37 48 42	1260	75	660	27	420	33	114	3	27	1	10	1	
1447+400	14 49 29.6	39 48 23	2310	122	1330	53	970	42	322	10	102	2	50	1	
1447+402	14 49 02.3	40 00 21	2300	122	1730	73	1120	45	501	15	178	4	104	2	g
1449+380	14 50 59.8	37 51 31	1070	67	690	28	520	34	193	6	51	1	17	1	
1449+421	14 51 07.3	41 54 42	1010	64	2580	103	2370	77	815	24	138	3	41	1	
1450+391B	14 52 05.8	38 58 19	3390	174	2320	101	1680	59	568	17	136	17	72	2	g
1450+396	14 52 03.7	39 25 52	350	44	180	9	110	30	45	1	18	1	7	1	
1451+396	14 53 49.3	39 25 49	710	53	430	18	320	31	107	3	28	4	8	1	
1452+394	14 54 55.5	39 11 51	410	45	310	13	240	31	117	4	46	5	24	1	g
1453+397	14 55 30.0	39 33 58	750	55	420	17	290	31	87	3	21	1	9	1	
1454+394	14 56 20.0	39 14 45	570	49	350	15	260	31	86	3	24	1	12	1	G
1455+399	14 57 47.0	39 45 60			100	6	100	30	23	1	7	1	2	1	
1455+421	14 57 40.7	41 58 50	2920	151	1680	67	1390	51	517	16	203	4	115	3	G
1457+388A	14 59 11.0	38 36 37	1180	71	660	27	510	34	135	4	36	1	12	1	
1458+433	15 00 29.9	43 09 51	2010	108	1270	51	1080	44	440	13	143	3	62	2	G
1459+399	15 01 09.4	39 42 41	730	54	400	17			118	4	38	8	19	1	
2300+382	23 03 15.0	38 28 38	1760	97	830	34	610	35	229	7	83	2	34	1	g
2301+394A	23 03 48.5	39 41 24			560	23			162	8	91	2	25	1	
2301+394B	23 03 56.8	39 43 07			390	16	330	32	125	4	43	1	19	1	
2301+398	23 03 26.7	40 06 14	650	52	390	16	370	32	90	4	33	1	9	1	G
2301+430	23 03 47.3	43 16 60	2910	151	1290	52	1010	43	274	8	67	2	36	1	
2301+443	23 03 45.3	44 39 06	7280	366	4520	181	4040	125	1236	37	261	5	61	2	
2302+402	23 04 54.8	40 28 53	3740	191	2790	112	2530	82	1183	35	408	8	160	3	
2303+391A	23 06 04.7	39 27 08	4140	211	2240	90	1850	63	777	23	244	26	151	3	g
2304+377	23 07 01.0	38 02 42	2720	142	2670	107	2600	84	1496	45	519	10	234	5	g
2304+398	23 07 03.2	40 09 59	380	44	220	10	200	31	87	4	28	4	13	1	
2304+429	23 06 32.0	43 10 47	2080	111	1100	44	840	39	315	9	97	2	36	1	
2305+404	23 07 53.7	40 41 49	3180	164	1360	55	990	42	247	7	58	2	16	1	G
2306+392	23 08 56.0	39 33 35	600	50	310	13	220	31	75	2	28	1	11	1	
2308+393	23 10 57.2	39 38 39	810	57	320	14	240	31	107	3	32	4	15	1	
2308+395	23 10 41.0	39 51 42			100	6	110	30	37	1	15	1	7	1	
2308+400	23 10 54.2	40 20 09	1640	91	780	32	630	35	188	6	49	1	17	1	
2311+387	23 14 00.3	39 01 50	680	52	620	25	500	34	251	8	98	2	32	1	
2311+396A	23 13 50.3	39 53 03			130	7	120	30	32	2	11	1	<3		F
2311+396B	23 14 16.3	39 55 12			130	7	130	30	39	1	10	1	4	1	
2311+469	23 13 48.2	47 12 16	9330	468	5210	208	4340	134	1942	58	716	14	244	5	Q
2313+406	23 16 09.7	40 15 17	1750	96	870	35	680	36	218	7	66	2	26	1	
2315+396	23 17 48.4	39 52 37	5680	287	3280	131	2500	81	1052	32	341	7	212	4	g
2316+398	23 19 20.9	40 10 08	920	61	350	15	290	31	109	3	40	5	22	1	Q
2318+389	23 21 19.2	39 12 15	560	49	300	13	220	31	81	2	20	1	10	1	
2320+396	23 22 44.4	39 58 01	560	49	330	14	260	31	107	3	52	6	27	1	
2320+416B	23 22 45.3	41 58 39	2480	130	1250	50	1070	44	407	13	141	17	68	2	g
2321+423	23 23 54.2	42 35 48	4130	210	2610	105	2070	69	899	27	299	6	96	2	G
2322+396	23 25 17.9	39 57 36			150	8	120	30	129	4	95	2	117	3	F
2322+403	23 24 48.5	40 40 21	1700	94	1060	43	850	39	341	10	95	2	33	1	
2323+388	23 25 40.2	39 05 55	1200	72	640	26	480	33	202	6	67	2	31	1	
2323+398	23 25 31.3	40 08 19	590	50	220	10	170	30	47	2	11	1	5	1	
2323+435A	23 25 42.3	43 46 58	5520	279	3280	131	2900	92	1754	53	944	19	368	7	g
2324+394B	23 27 08.2	39 43 19	480	47	210	10			55	2	26	4	10	1	
2324+405	23 26 55.7	40 48 07	10490	526	6640	266	5520	168	2434	73	983	20	442	9	
2325+396	23 27 58.9	39 45 42	780	56	370	15	280	31	118	4	40	5	15	1	
2326+395	23 28 50.9	39 47 57	1240	74	730	30	510	34	208	6	66	2	22	1	
2326+422	23 28 58.2	42 32 03	2220	118	1190	48	1020	43	450	14	176	4	96	2	g
2327+391	23 30 24.9	39 27 12	530	48	450	19	360	32	100	3	32	1	14	1	G
2327+407	23 30 08.6	41 04 25	960	62	570	23	480	33	227	7	168	4	83	2	Q
2327+422	23 30 05.0	42 33 46	3190	164	1550	62	1120	45	378	11	101	2	46	1	
2328+397	23 31 26.5	40 03 32			70	5	110	30	19	1	5	1	5	1	
2329+398	23 32 13.7	40 07 19			220	10	180	30	63	2	18	1	12	1	Q
2330+387	23 33 02.6	39 01 13	1350	78	1450	58	1120	45	915	27	457	9	252	5	g
2330+389	23 32 28.3	39 15 02	830	58	380	16	300	31	90	3	27	5	10	1	
2330+397	23 32 56.2	40 01 55			140	7	180	30	69	2	29	1	13	1	
2330+402	23 32 53.0	40 30 36	2020	109	2190	88	1780	61	825	25	338	7	150	3	
2330+435	23 33 22.3	43 46 47	3320	171	1640	66	1150	46	309	9	56	2	16	1	g
2331+399	23 33 44.2	40 12 28	1500	85	1010	41	830	39	293	9	93	2	42	1	G
2332+388	23 35 02.4	39 06 10	1100	68	540	22	420	33	136	4	46	1	19	1	Q
2332+399	23 34 34.3	40 13 22	430	45	460	19	390	32	166	5	62	2	23	1	
2333+397	23 35 28.9	40 00 09			140	7	160	30	51	3	17	1	4	1	
2333+399	23 35 33.7	40 11 43			140	7	120	30	51	2	15	1	11	1	
2334+398	23 36 55.7	40 05 45	2340	124	1280	51	1010	43	480	14	160	3	45	1	g
2335+392	23 38 11.3	39 33 33	1520	86	780	32	560	34	201	6	90	2	32	1	Q
2336+381	23 38 53.5	38 23 24	2420	127	1240	50	900	40	327	10	103	2	42	1	
2337+398	23 39 43.5	40 08 45	380	44	290	12	240	31	100	3	44	5	26	1	g
2338+390	23 41 13.9	39 18 29	1380	80	750	30	620	35	215	6	80	2	40	1	Q
2338+393	23 41 21.0	39 36 04	480	47	380	16	230	31	159	5	46	5	35	1	
2340+386	23 42 29.6	38 54 46	2510	132	1180	47	900	40	257	8	65	2	20	1	
2341+396A	23 44 07.1	39 53 54			300	13			123	4	54	2	20	1	g
2341+396B	23 44 13.8	39 52 05			260	11			98	4		2	23	1	g
2341+399	23 44 24.1	40 12 51	890	60	440	18	350	32	139	4	55	2	34	1	
2342+394	23 44 59.0	39 46 26	400	45	150	8	110	30	29	2	7	1	2	1	
2344+429	23 47 22.9	43 10 52	1820	99	1220	49	920	41	567	17	284	6	254	5	Q
2347+397	23 50 25.2	40 02 02			120	7	120	30	31	1	8	1	4	1	
2348+387	23 50 34.4	39 04 21	1090	68	530	22	430	33	164	5	43	1	21	1	
2348+450	23 51 27.9	45 18 30	3280	169	1910	77	1800	62	744	22	226	5	88	2	G
2349+396	23 52 03.3	39 55 02	940	62	640	26	510	34	177	5	54	2	22	1	
2349+410	23 51 52.9	41 21 14	3200	165	1740	70	1380	51	1554	14	115	3	48	1	Q
2350+395	23 52 48.9	39 47 54			280	12	15								